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IS 5860 (1970): Table and inter-conversion charts for ethanol-water mixtures [PCD 9: Organic Chemicals Alcohols and Allied Products and Dye Intermediates]



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“Knowledge is such a treasure which cannot be stolen”



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IS : 5860 - 1970  
( Reaffirmed 1984 )

*Indian Standard*

TABLE AND INTER-CONVERSION CHARTS  
FOR ETHANOL-WATER MIXTURES

( First Reprint APRIL 1985 )

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INDIAN STANDARDS INSTITUTION  
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG  
NEW DELHI 110002

# Indian Standard

## TABLE AND INTER-CONVERSION CHARTS FOR ETHANOL-WATER MIXTURES

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# *Indian Standard*

## TABLE AND INTER-CONVERSION CHARTS FOR ETHANOL-WATER MIXTURES

### 0. FOREWORD

**0.1** This Indian Standard was adopted by the Indian Standards Institution on 16 May 1970, after the draft finalized by the Alcohols and Allied Products Sectional Committee had been approved by the Chemical Division Council.

**0.2** Computation of strength of aqueous solutions containing ethanol at 15.6°C is often made in the country from specific gravity values in air at 15.6°C and strength is expressed in terms of proof spirit (proof strength) both in the UK and US Revenue systems. The corresponding percentages of ethanol by weight, and by volume at 15.6°C are also obtained for the various specific gravity values in air at 15.6°C.

**0.3** The standards IS:2302-1962\* and IS:3506-1967† are intended for use in obtaining the volumetric content of ethanol at  $t^{\circ}\text{C}$  in an ethanol-water mixture from the specific gravity values in vacuum at 15°C by the centesimal hydrometers and by the pycnometer method respectively.

**0.4** Various countries have adopted different systems, like proof spirit and centesimal hydrometers method to express the percentage of ethanol in an ethanol-water mixture. Subsequent to the publication of IS: 2302-1962\* the need to have a comprehensive table for inter-conversion of various units used in these systems was felt. It is hoped that this standard which incorporates such table and also inter-conversion charts would serve as a ready reckoner for this purpose.

**0.5** The table and inter-conversion charts included in this standard have been drawn up on the basis of information and assistance derived from the inter-conversion charts for aqueous ethyl alcohol published in American Perfume and Cosmetics Journal 1965, 80, May, P 32.

**0.6** In reporting the result of a test made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with the latest version of IS: 2-1960‡.

\*Tables for alcoholometry.

†Tables for alcoholometry (by Pycnometer method).

‡Rules for rounding off numerical values (*revised*).

## 1. SCOPE

**1.1** This standard includes Table 1 and three inter-conversion charts (Fig. 1 to 3) intended for use in the inter-conversion of various units used in the estimation of percentages of ethanol in ethanol-water mixtures.

**1.1.1** Table 1 shows the inter-relationship between:

- a) specific gravity in air at 15.6°/15.6°C,
- b) percentage of British proof spirit,
- c) percentage of ethanol by weight,
- d) percentage of ethanol by volume at 15.6°/15.6°C,
- e) percentage of US proof spirit, and
- f) specific gravity in vacuum at 15°/15°C.

**1.1.2** The values in Table 1 and the three charts [Fig. 1 to 3 (p. 69-71)] are calculated by rounding approximately to the fourth decimal places in the case of specific gravities and to the second decimal places in the case of other units.



**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT**

( Clause 1.1 )

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.793 6	175.35	100.00	100.00	200.00	0.794 3
0.793 7	175.31	99.97	99.98	199.96	0.794 4
0.793 8	175.28	99.93	99.96	199.92	0.794 5
0.793 9	175.24	99.90	99.94	198.88	0.794 6
0.794 0	175.21	99.87	99.92	199.84	0.794 7
0.794 1	175.18	99.84	99.90	199.80	0.794 8
0.794 2	175.14	99.81	99.88	199.76	0.794 9
0.794 3	175.11	99.77	99.86	199.72	0.795 0
0.794 4	175.07	99.74	99.84	199.68	0.795 1
0.794 5	175.04	99.71	99.82	199.64	0.795 2
0.794 6	175.01	99.68	99.80	199.60	0.795 3
0.794 7	174.97	99.65	99.78	199.56	0.795 4
0.794 8	174.94	99.61	99.76	199.52	0.795 5
0.794 9	174.90	99.58	99.74	199.48	0.795 6
0.795 0	174.87	99.55	99.72	199.44	0.795 7
0.795 1	174.84	99.52	99.70	199.40	0.795 8
0.795 2	174.80	99.49	99.68	199.36	0.795 9
0.795 3	174.77	99.45	99.66	199.32	0.796 0
0.795 4	174.73	99.42	99.64	199.28	0.796 1
0.795 5	174.70	99.39	99.62	199.24	0.796 2
0.795 6	174.66	99.36	99.60	199.20	0.796 3
0.795 7	174.63	99.32	99.58	199.16	0.796 4
0.795 8	174.59	99.29	99.56	199.12	0.796 5
0.795 9	174.56	99.25	99.54	199.08	0.796 6
0.796 0	174.52	99.22	99.52	199.04	0.796 7
0.796 1	174.48	99.19	99.50	199.00	0.796 8
0.796 2	174.45	99.16	99.48	198.96	0.796 9
0.796 3	174.41	99.12	99.46	198.92	0.797 0
0.796 4	174.38	99.09	99.44	198.88	0.797 1
0.796 5	174.34	99.06	99.42	198.84	0.797 2
0.796 6	174.30	99.03	99.40	198.80	0.797 3
0.796 7	174.27	99.00	99.38	198.76	0.797 4

( Continued )

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.796 8	174.23	98.96	99.36	198.72	0.797 5
0.796 9	174.20	98.93	99.34	198.68	0.797 6
0.797 0	174.16	98.90	99.32	198.64	0.797 7
0.797 1	174.12	98.87	99.30	198.60	0.797 8
0.797 2	174.09	99.84	99.28	198.56	0.797 9
0.797 3	174.05	98.80	99.26	198.52	0.798 0
0.797 4	174.02	98.77	99.24	198.48	0.798 1
0.797 5	173.98	98.74	99.22	198.44	0.798 2
0.797 6	173.94	98.71	99.20	198.40	0.798 3
0.797 7	173.91	98.67	99.18	198.36	0.798 4
0.797 8	173.87	98.64	99.16	198.32	0.798 5
0.797 9	173.84	98.60	99.14	198.28	0.798 6
0.798 0	173.80	98.57	99.12	198.24	0.798 7
0.798 1	173.76	98.54	99.10	198.20	0.798 8
0.798 2	173.73	98.51	99.08	198.16	0.798 9
0.798 3	173.69	98.47	99.06	198.12	0.799 0
0.798 4	173.66	98.44	99.04	198.08	0.799 1
0.798 5	173.62	98.41	99.02	198.04	0.799 2
0.798 6	173.58	98.38	99.00	198.00	0.799 3
0.798 7	173.55	98.34	98.98	197.96	0.799 4
0.798 8	173.51	98.31	98.95	197.90	0.799 5
0.798 9	173.48	98.27	98.93	197.86	0.799 6
0.799 0	173.44	98.24	98.91	197.82	0.799 7
0.799 1	173.40	98.21	98.89	197.78	0.799 8
0.799 2	173.37	98.18	98.87	197.74	0.799 9
0.799 3	173.33	98.14	98.85	197.70	0.800 0
0.799 4	173.30	98.11	98.83	197.66	0.800 1
0.799 5	173.26	98.08	98.81	197.62	0.800 2
0.799 6	173.22	98.05	98.79	197.58	0.800 3
0.799 7	173.18	98.01	98.77	197.54	0.800 4
0.799 8	173.15	97.98	98.74	197.48	0.800 5
0.799 9	173.11	97.94	98.72	197.44	0.800 6
0.800 0	173.07	97.91	98.70	197.40	0.800 7

(Continued)

TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT -- *Contd*

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.800 1	173.03	97.88	98.68	197.36	0.800 8
0.800 2	173.00	97.85	98.66	197.32	0.800 9
0.800 3	172.96	97.81	98.64	197.28	0.801 0
0.800 4	172.93	97.78	98.62	197.24	0.801 1
0.800 5	172.89	97.75	98.60	197.20	0.801 2
0.800 6	172.85	97.72	98.58	197.16	0.801 3
0.800 7	172.82	97.68	98.56	197.12	0.801 4
0.800 8	172.78	97.65	98.53	197.06	0.801 5
0.800 9	172.75	97.61	98.51	197.02	0.801 6
0.801 0	172.71	97.58	98.49	196.98	0.801 7
0.801 1	172.67	97.55	98.47	196.94	0.801 8
0.801 2	172.63	97.52	98.45	196.90	0.801 9
0.801 3	172.60	97.48	98.43	196.86	0.802 0
0.801 4	172.56	97.45	98.41	196.82	0.802 1
0.801 5	172.52	97.42	98.39	196.78	0.802 2
0.801 6	172.48	97.39	98.37	196.74	0.802 3
0.801 7	172.44	97.35	98.35	196.70	0.802 4
0.801 8	172.41	97.32	98.32	196.64	0.802 5
0.801 9	172.37	97.28	98.30	196.60	0.802 6
0.802 0	172.33	97.25	98.28	196.56	0.802 7
0.802 1	172.29	97.22	98.26	196.52	0.802 8
0.802 2	172.25	97.18	98.24	196.48	0.802 9
0.802 3	172.22	97.15	98.21	196.42	0.803 0
0.802 4	172.18	97.11	98.19	196.38	0.803 1
0.802 5	172.14	97.08	98.17	196.34	0.803 2
0.802 6	172.10	97.05	98.15	196.30	0.803 3
0.802 7	172.06	97.01	98.13	196.26	0.803 4
0.802 8	172.02	96.98	98.10	196.20	0.803 5
0.802 9	171.98	96.94	98.08	196.16	0.803 6
0.803 0	171.94	96.91	98.06	196.12	0.803 7
0.803 1	171.90	96.88	98.04	196.08	0.803 8
0.803 2	171.86	96.84	98.02	196.04	0.803 9

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.803 3	171.83	96.81	97.99	195.98	0.804 0
0.803 4	171.79	96.77	97.97	195.94	0.804 1
0.803 5	171.75	96.74	97.95	195.90	0.804 2
0.803 6	171.71	96.71	97.93	195.86	0.804 3
0.803 7	171.67	96.67	97.91	195.82	0.804 4
0.803 8	171.64	96.64	97.88	195.76	0.804 5
0.803 9	171.60	96.60	97.86	195.72	0.804 6
0.804 0	171.56	96.57	97.84	195.68	0.804 7
0.804 1	171.52	96.54	97.82	195.64	0.804 8
0.804 2	171.48	96.50	97.80	195.60	0.804 9
0.804 3	171.44	96.47	97.77	195.54	0.805 0
0.804 4	171.40	96.43	97.75	195.50	0.805 1
0.804 5	171.36	96.40	97.73	195.46	0.805 2
0.804 6	171.32	96.37	97.71	195.42	0.805 3
0.804 7	171.28	96.33	97.68	195.36	0.805 4
0.804 8	171.24	96.30	97.66	195.32	0.805 5
0.804 9	171.20	96.26	97.63	195.26	0.805 6
0.805 0	171.16	96.23	97.61	195.22	0.805 7
0.805 1	171.12	96.20	97.59	195.18	0.805 7
0.805 2	171.08	96.16	97.57	195.14	0.805 8
0.805 3	171.04	96.13	97.54	195.08	0.805 9
0.805 4	171.00	96.09	97.52	195.04	0.806 0
0.805 5	170.96	96.06	97.50	195.00	0.806 1
0.805 6	170.92	96.03	97.48	194.96	0.806 2
0.805 7	170.88	95.99	97.46	194.92	0.806 3
0.805 8	170.85	95.96	97.43	194.86	0.806 4
0.805 9	170.81	95.92	97.41	194.82	0.806 5
0.806 0	170.77	95.89	97.39	194.78	0.806 6
0.806 1	170.73	95.86	97.37	194.74	0.806 7
0.806 2	170.69	95.82	97.35	194.70	0.806 8
0.806 3	170.65	95.79	97.32	194.64	0.806 9
0.806 4	170.61	95.75	97.30	194.60	0.807 0
0.806 5	170.57	95.72	97.28	194.56	0.807 1

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.806 6	170.53	95.69	97.26	194.52	0.807 2
0.806 7	170.49	95.65	97.23	194.46	0.807 3
0.806 8	170.45	95.62	97.21	194.42	0.807 4
0.806 9	170.41	95.58	97.18	194.36	0.807 5
0.807 0	170.37	95.55	97.16	194.32	0.807 6
0.807 1	170.33	95.52	97.14	194.28	0.807 7
0.807 2	170.29	95.48	97.12	194.24	0.807 8
0.807 3	170.24	95.45	97.09	194.18	0.807 9
0.807 4	170.20	95.41	97.07	194.14	0.808 0
0.807 5	170.16	95.38	97.05	194.10	0.808 1
0.807 6	170.12	95.34	97.03	194.06	0.808 2
0.807 7	170.08	95.31	97.00	194.00	0.808 3
0.807 8	170.04	95.27	96.98	193.96	0.808 4
0.807 9	170.00	95.24	96.95	193.90	0.808 5
0.808 0	169.96	95.20	96.93	193.86	0.808 6
0.808 1	169.92	95.17	96.91	193.82	0.808 7
0.808 2	169.88	95.13	96.88	193.76	0.808 8
0.808 3	169.83	95.10	96.86	193.72	0.808 9
0.808 4	169.79	95.06	96.83	193.66	0.809 0
0.808 5	169.75	95.03	96.81	193.62	0.809 1
0.808 6	169.71	94.99	96.79	193.58	0.809 2
0.808 7	169.67	94.96	96.76	193.52	0.809 3
0.808 8	169.62	94.92	96.74	193.48	0.809 4
0.808 9	169.58	94.89	96.71	193.42	0.809 5
0.809 0	169.54	94.85	96.69	193.38	0.809 6
0.809 1	169.50	94.82	96.67	193.34	0.809 7
0.809 2	169.46	94.78	96.64	193.28	0.809 8
0.809 3	169.42	94.75	96.62	193.24	0.809 9
0.809 4	169.38	94.71	96.59	193.18	0.810 0
0.809 5	169.34	94.68	96.57	193.14	0.810 1
0.809 6	169.30	94.64	96.55	193.10	0.810 2
0.809 7	169.26	94.61	96.52	193.04	0.810 3

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/ 15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/ 15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.809 8	169.21	94.57	96.50	193.00	0.810 4
0.809 9	169.17	94.54	96.47	192.94	0.810 5
0.810 0	169.13	94.50	96.45	192.90	0.810 6
0.810 1	169.09	94.47	96.43	192.86	0.810 6
0.810 2	169.05	94.43	96.40	192.80	0.810 7
0.810 3	169.00	94.40	96.38	192.76	0.810 8
0.810 4	168.96	94.36	96.35	192.70	0.810 9
0.810 5	168.92	94.33	96.33	192.66	0.811 0
0.810 6	168.88	94.29	96.31	192.62	0.811 1
0.810 7	168.83	94.26	96.28	192.56	0.811 2
0.810 8	168.79	94.22	96.26	192.52	0.811 3
0.810 9	168.74	94.19	96.23	192.46	0.811 4
0.811 0	168.70	94.15	96.21	192.42	0.811 5
0.811 1	168.66	94.12	96.19	192.38	0.811 6
0.811 2	168.62	94.08	96.16	192.32	0.811 7
0.811 3	168.57	94.05	96.14	192.28	0.811 8
0.811 4	168.53	94.01	96.11	192.22	0.811 9
0.811 5	168.49	93.98	96.09	192.18	0.812 0
0.811 6	168.45	93.94	96.07	192.14	0.812 1
0.811 7	168.41	93.91	96.04	192.08	0.812 2
0.811 8	168.36	93.87	96.02	192.04	0.812 3
0.811 9	168.32	93.84	95.99	191.98	0.812 4
0.812 0	168.28	93.80	95.97	191.94	0.812 5
0.812 1	168.24	93.76	95.95	191.90	0.812 6
0.812 2	168.19	93.73	95.92	191.84	0.812 7
0.812 3	168.15	93.69	95.90	191.80	0.812 8
0.812 4	168.10	93.66	95.87	191.74	0.812 9
0.812 5	168.06	93.62	95.85	191.70	0.813 0
0.812 6	168.02	93.58	95.82	191.64	0.813 1
0.812 7	167.97	93.55	95.80	191.60	0.813 2
0.812 8	167.93	93.51	95.77	191.54	0.813 3
0.812 9	167.88	93.48	95.75	191.50	0.813 4
0.813 0	167.84	93.44	95.72	191.44	0.813 5

(Continued)

TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6 C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15 C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6 C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd*

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.813 1	167.80	93.40	95.70	191.40	0.813 6
0.813 2	167.76	93.37	95.67	191.34	0.813 7
0.813 3	167.71	93.33	95.65	191.30	0.813 8
0.813 4	167.67	93.30	95.62	191.24	0.813 9
0.813 5	167.63	93.26	95.60	191.20	0.814 0
0.813 6	167.59	93.22	95.57	191.14	0.814 1
0.813 7	167.54	93.19	95.55	191.10	0.814 2
0.813 8	167.50	93.15	95.52	191.04	0.814 3
0.813 9	167.45	93.12	95.50	191.00	0.814 4
0.814 0	167.41	93.08	95.47	190.94	0.814 5
0.814 1	167.37	93.04	95.45	190.90	0.814 6
0.814 2	167.32	93.01	95.42	190.84	0.814 7
0.814 3	167.28	92.97	95.40	190.80	0.814 8
0.814 4	167.23	92.94	95.37	190.74	0.814 9
0.814 5	167.19	92.90	95.35	190.70	0.815 0
0.814 6	167.14	92.86	95.32	190.64	0.815 1
0.814 7	167.10	92.83	95.30	190.60	0.815 2
0.814 8	167.05	92.79	95.27	190.54	0.815 3
0.814 9	167.01	92.76	95.25	190.50	0.815 4
0.815 0	166.96	92.72	95.22	190.44	0.815 5
0.815 1	166.92	92.68	95.20	190.40	0.815 6
0.815 2	166.87	92.65	95.17	190.36	0.815 8
0.815 3	166.83	92.61	95.15	190.30	0.815 9
0.815 4	166.78	92.58	95.12	190.24	0.816 0
0.815 5	166.74	92.54	95.10	190.20	0.816 1
0.815 6	166.69	92.50	95.07	190.14	0.816 2
0.815 7	166.65	92.47	95.05	190.10	0.816 3
0.815 8	166.60	92.43	95.02	190.04	0.816 4
0.815 9	166.56	92.40	95.00	190.00	0.816 5
0.816 0	166.51	92.36	94.97	189.94	0.816 6
0.816 1	166.46	92.32	94.94	189.88	0.816 7
0.816 2	166.42	92.29	94.92	189.84	0.816 8

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.816 3	166.37	92.25	94.89	189.78	0.816 9
0.816 4	166.33	92.22	94.87	189.74	0.817 0
0.816 5	166.28	92.18	94.84	189.68	0.817 1
0.816 6	166.24	92.14	94.81	189.62	0.817 2
0.816 7	166.19	92.11	94.79	189.58	0.817 3
0.816 8	166.15	92.07	94.76	189.52	0.817 4
0.816 9	166.10	92.04	94.74	189.48	0.817 5
0.817 0	166.06	92.00	94.71	189.42	0.817 6
0.817 1	166.01	91.96	94.68	189.36	0.817 7
0.817 2	165.97	91.93	94.66	189.32	0.817 8
0.817 3	165.92	91.89	94.63	189.26	0.817 9
0.817 4	165.88	91.86	94.61	189.22	0.818 0
0.817 5	165.83	91.82	94.58	189.16	0.818 1
0.817 6	165.78	91.78	94.55	189.10	0.818 2
0.817 7	165.74	91.74	94.53	189.06	0.818 4
0.817 8	165.69	91.71	94.50	189.00	0.818 5
0.817 9	165.65	91.67	94.48	188.96	0.818 6
0.818 0	165.60	91.63	94.45	188.90	0.818 7
0.818 1	165.55	91.59	94.42	188.84	0.818 8
0.818 2	165.51	91.56	94.40	188.80	0.818 9
0.818 3	165.46	91.52	94.37	188.74	0.819 0
0.818 4	165.42	91.49	94.35	188.70	0.819 1
0.818 5	165.37	91.45	94.32	188.64	0.819 2
0.818 6	165.32	91.41	94.29	188.58	0.819 3
0.818 7	165.28	91.38	94.27	188.54	0.819 4
0.818 8	165.23	91.34	94.24	188.48	0.819 5
0.818 9	165.19	91.31	94.22	188.44	0.819 6
0.819 0	165.14	91.27	94.19	188.38	0.819 7
0.819 1	165.09	91.23	94.16	188.32	0.819 8
0.819 2	165.04	91.20	94.14	188.28	0.819 9
0.819 3	165.00	91.16	94.11	188.22	0.820 0
0.819 4	164.95	91.13	94.09	188.18	0.820 1
0.819 5	164.90	91.09	94.06	188.12	0.820 2

(Continued)



**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15·6°/15·6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15·6°/15·6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15·6°/15·6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15·6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0·819 6	164·85	91·05	94·03	188·06	0·820 3
0·819 7	164·81	91·01	94·00	188·00	0·820 4
0·819 8	164·76	90·98	93·98	187·96	0·820 5
0·819 9	164·72	90·94	93·95	187·90	0·820 6
0·820 0	164·67	90·90	93·92	187·84	0·820 7
0·820 1	164·62	90·86	93·89	187·78	0·820 8
0·820 2	164·57	90·83	93·87	187·74	0·820 9
0·820 3	164·53	90·79	93·84	187·68	0·821 0
0·820 4	164·48	90·76	93·82	187·64	0·821 1
0·820 5	164·43	90·72	93·79	187·58	0·821 2
0·820 6	164·38	90·68	93·76	187·52	0·821 3
0·820 7	164·34	90·64	93·73	187·46	0·821 4
0·820 8	164·29	90·61	93·71	187·42	0·821 5
0·820 9	164·25	90·57	93·68	187·36	0·821 6
0·821 0	164·20	90·53	93·65	187·30	0·821 7
0·821 1	164·15	90·49	93·62	187·24	0·821 8
0·821 2	164·10	90·46	93·60	187·20	0·821 9
0·821 3	164·06	90·42	93·57	187·14	0·822 0
0·821 4	164·01	90·39	93·55	187·10	0·822 1
0·821 5	163·96	90·35	93·52	187·04	0·822 2
0·821 6	163·91	90·31	93·49	186·98	0·822 3
0·821 7	163·86	90·27	93·46	186·92	0·822 4
0·821 8	163·82	90·24	93·44	186·88	0·822 5
0·821 9	163·77	90·20	93·41	186·82	0·822 6
0·822 0	163·72	90·16	93·38	186·76	0·822 7
0·822 1	163·67	90·12	93·35	186·70	0·822 8
0·822 2	163·62	90·09	93·32	186·64	0·822 9
0·822 3	163·58	90·05	93·30	186·60	0·823 0
0·822 4	163·53	90·02	93·27	186·54	0·823 1
0·822 5	163·48	89·98	93·24	186·48	0·823 2
0·822 6	163·43	89·94	93·21	186·42	0·823 3
0·822 7	163·38	89·90	93·18	186·36	0·823 4

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.822 8	163.33	89.87	93.16	186.32	0.823 5
0.822 9	163.28	89.83	93.13	186.26	0.823 6
0.823 0	163.23	89.79	93.10	186.20	0.823 7
0.823 1	163.18	89.75	93.07	186.14	0.823 8
0.823 2	163.13	89.71	93.05	186.10	0.823 9
0.823 3	163.09	89.68	93.02	186.04	0.824 0
0.823 4	163.04	89.64	93.00	186.00	0.824 1
0.823 5	162.99	89.60	92.97	185.94	0.824 2
0.823 6	162.94	89.56	92.94	185.88	0.824 3
0.823 7	162.89	89.52	92.91	185.82	0.824 4
0.823 8	162.85	89.49	92.89	185.78	0.824 5
0.823 9	162.80	89.45	92.86	185.72	0.824 6
0.824 0	162.75	89.41	92.83	185.66	0.824 7
0.824 1	162.70	89.37	92.80	185.60	0.824 8
0.824 2	162.65	89.33	92.77	185.54	0.824 9
0.824 3	162.60	89.30	92.75	185.50	0.825 0
0.824 4	162.55	89.26	92.72	185.44	0.825 1
0.824 5	162.50	89.22	92.69	185.38	0.825 2
0.824 6	162.45	89.18	92.66	185.32	0.825 3
0.824 7	162.40	89.14	92.63	185.26	0.825 4
0.824 8	162.36	89.11	92.61	185.22	0.825 5
0.824 9	162.31	89.07	92.58	185.16	0.825 6
0.825 0	162.26	89.03	92.55	185.10	0.825 7
0.825 1	162.21	88.99	92.52	185.04	0.825 8
0.825 2	162.16	88.95	92.49	184.98	0.825 9
0.825 3	162.11	88.92	92.47	184.94	0.826 0
0.825 4	162.06	88.88	92.44	184.88	0.826 1
0.825 5	162.01	88.84	92.41	184.82	0.826 2
0.825 6	161.96	88.80	92.38	184.76	0.826 3
0.825 7	161.91	88.76	92.35	184.70	0.826 4
0.825 8	161.86	88.73	92.32	184.64	0.826 5
0.825 9	161.81	88.69	92.29	184.58	0.826 6
0.826 0	161.76	88.65	92.26	184.52	0.826 7

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/ 15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/ 15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.826 1	161.71	88.61	92.23	184.46	0.826 8
0.826 2	161.66	88.57	92.20	184.40	0.826 9
0.826 3	161.61	88.54	92.18	184.36	0.827 0
0.826 4	161.56	88.50	92.15	184.30	0.827 1
0.826 5	161.51	88.46	92.12	184.24	0.827 2
0.826 6	161.46	88.42	92.09	184.18	0.827 3
0.826 7	161.41	88.38	92.06	184.12	0.827 4
0.826 8	161.36	88.35	92.04	184.08	0.827 5
0.826 9	161.31	88.31	92.01	184.02	0.827 6
0.827 0	161.26	88.27	91.98	183.96	0.827 7
0.827 1	161.21	88.23	91.95	183.90	0.827 8
0.827 2	161.16	88.19	91.92	183.84	0.827 9
0.827 3	161.11	88.16	91.90	183.80	0.828 0
0.827 4	161.06	88.12	91.87	183.74	0.828 1
0.827 5	161.01	88.06	91.84	183.68	0.828 2
0.827 6	160.96	88.04	91.81	183.62	0.828 3
0.827 7	160.91	88.00	91.78	183.56	0.828 4
0.827 8	160.85	87.96	91.75	183.50	0.828 5
0.827 9	160.80	87.92	91.72	183.44	0.828 6
0.828 0	160.75	87.88	91.69	183.38	0.828 7
0.828 1	160.70	87.84	91.66	183.32	0.828 8
0.828 2	160.65	87.80	91.63	183.26	0.828 9
0.828 3	160.60	87.77	91.61	183.22	0.829 0
0.828 4	160.55	87.73	91.58	183.16	0.829 1
0.828 5	160.50	87.69	91.55	183.10	0.829 2
0.828 6	160.45	87.65	91.52	183.04	0.829 3
0.828 7	160.40	87.61	91.49	182.98	0.829 4
0.828 8	160.34	87.58	91.46	182.92	0.829 5
0.828 9	160.29	87.54	91.43	182.86	0.829 6
0.829 0	160.24	87.50	91.40	182.80	0.829 7
0.829 1	160.19	87.46	91.37	182.74	0.829 8
0.829 2	160.14	87.42	91.34	182.68	0.829 9

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.829 3	160.09	87.39	91.32	182.64	0.830 0
0.829 4	160.04	87.35	91.29	182.58	0.830 1
0.829 5	159.99	87.31	91.26	182.52	0.830 2
0.829 6	159.94	87.27	91.23	182.46	0.830 3
0.829 7	159.89	87.23	91.20	182.40	0.830 4
0.829 8	159.83	87.19	91.17	182.34	0.830 5
0.829 9	159.78	87.15	91.14	182.28	0.830 6
0.830 0	159.73	87.11	91.11	182.23	0.830 7
0.830 1	159.68	87.07	91.08	182.16	0.830 8
0.830 2	159.63	87.03	91.05	182.10	0.830 9
0.830 3	159.57	87.00	91.02	182.04	0.831 0
0.830 4	159.52	86.96	90.99	181.98	0.831 1
0.830 5	159.47	86.92	90.96	181.92	0.831 2
0.830 6	159.42	86.88	90.93	181.86	0.831 3
0.830 7	159.37	86.84	90.90	181.80	0.831 4
0.830 8	159.31	86.81	90.87	181.74	0.831 5
0.830 9	159.26	86.77	90.84	181.68	0.831 6
0.831 0	159.21	86.73	90.81	181.62	0.831 7
0.831 1	159.16	86.69	90.78	181.56	0.831 8
0.831 2	159.11	86.65	90.75	181.50	0.831 9
0.831 3	159.05	86.62	90.73	181.46	0.832 0
0.831 4	159.00	86.58	90.70	181.40	0.832 1
0.831 5	158.95	86.54	90.67	181.34	0.832 2
0.831 6	158.90	86.50	90.64	181.28	0.832 3
0.831 7	158.85	86.46	90.61	181.22	0.832 4
0.831 8	158.79	86.42	90.58	181.16	0.832 5
0.831 9	158.74	86.38	90.55	181.10	0.832 6
0.832 0	158.69	86.34	90.52	181.04	0.832 7
0.832 1	158.64	86.30	90.49	180.98	0.832 8
0.832 2	158.59	86.26	90.46	180.92	0.832 9
0.832 3	158.53	86.23	90.43	180.86	0.833 0
0.832 4	158.48	86.19	90.40	180.80	0.833 1
0.832 5	158.43	86.15	90.37	180.74	0.833 2

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.832 6	158.38	86.11	90.34	180.68	0.833 3
0.832 7	158.32	86.07	90.31	180.62	0.833 4
0.832 8	158.27	86.03	90.28	180.56	0.833 5
0.832 9	158.21	85.99	90.25	180.50	0.833 6
0.833 0	158.16	85.95	90.22	180.44	0.833 7
0.833 1	158.11	85.91	90.19	180.38	0.833 8
0.833 2	158.06	85.87	90.16	180.32	0.833 9
0.833 3	158.00	85.84	90.13	180.26	0.834 0
0.833 4	157.95	85.80	90.10	180.20	0.834 1
0.833 5	157.90	85.76	90.07	180.14	0.834 2
0.833 6	157.85	85.72	90.04	180.08	0.834 3
0.833 7	157.79	85.68	90.01	180.02	0.834 4
0.833 8	157.74	85.64	89.97	179.94	0.834 5
0.833 9	157.68	85.60	89.94	179.88	0.834 6
0.834 0	157.63	85.56	89.91	179.82	0.834 7
0.834 1	157.58	85.52	89.88	179.76	0.834 8
0.834 2	157.52	85.48	89.85	179.70	0.834 9
0.834 3	157.47	85.45	89.82	179.64	0.835 0
0.834 4	157.41	85.41	89.79	179.58	0.835 1
0.834 5	157.36	85.37	89.76	179.52	0.835 2
0.834 6	157.31	85.33	89.73	179.46	0.835 3
0.834 7	157.25	85.29	89.70	179.40	0.835 4
0.834 8	157.20	85.25	89.67	179.34	0.835 5
0.834 9	157.14	85.21	89.64	179.28	0.835 5
0.835 0	157.09	85.17	89.61	179.22	0.835 6
0.835 1	157.04	85.13	89.58	179.16	0.835 6
0.835 2	156.99	85.09	89.55	179.10	0.835 7
0.835 3	156.93	85.06	89.52	179.04	0.835 8
0.835 4	156.88	85.02	89.49	178.98	0.835 9
0.835 5	156.83	84.98	89.46	178.92	0.836 0
0.835 6	156.78	84.94	89.43	178.86	0.836 1
0.835 7	156.72	84.90	89.40	178.80	0.836 2

( *Continued* )

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.835 8	156.67	84.86	89.36	178.72	0.836 3
0.835 9	156.61	84.82	89.33	178.66	0.836 4
0.836 0	156.56	84.78	89.30	178.60	0.836 5
0.836 1	156.51	84.74	89.27	178.54	0.836 6
0.836 2	156.45	84.70	89.24	178.48	0.836 7
0.836 3	156.40	84.66	89.21	178.42	0.836 8
0.836 4	156.34	84.62	89.18	178.36	0.836 9
0.836 5	156.29	84.58	89.15	178.30	0.837 0
0.836 6	156.24	84.54	89.12	178.24	0.837 1
0.836 7	156.18	84.50	89.09	178.18	0.837 2
0.836 8	156.13	84.46	89.05	178.10	0.837 3
0.836 9	156.07	84.42	89.02	178.04	0.837 4
0.837 0	156.02	84.38	88.99	177.98	0.837 5
0.837 1	155.96	84.34	88.96	177.92	0.837 6
0.837 2	155.91	84.30	88.93	177.86	0.837 7
0.837 3	155.85	84.27	88.90	177.80	0.837 8
0.837 4	155.80	84.23	88.87	177.74	0.837 9
0.837 5	155.74	84.19	88.84	177.68	0.838 0
0.837 6	155.69	84.15	88.81	177.62	0.838 1
0.837 7	155.63	84.11	88.78	177.56	0.838 2
0.837 8	155.58	84.07	88.74	177.48	0.838 3
0.837 9	155.52	84.03	88.71	177.42	0.838 4
0.838 0	155.47	83.99	88.68	177.36	0.838 5
0.838 1	155.42	83.95	88.65	177.30	0.838 6
0.838 2	155.36	83.91	88.62	177.24	0.838 7
0.838 3	155.31	83.87	88.59	177.18	0.838 8
0.838 4	155.25	83.83	88.56	177.12	0.838 9
0.838 5	155.20	83.79	88.53	177.06	0.839 0
0.838 6	155.14	83.75	88.50	177.00	0.839 1
0.838 7	155.09	83.71	88.47	176.94	0.839 2
0.838 8	155.03	83.67	88.43	176.86	0.839 3
0.838 9	154.98	83.63	88.40	176.80	0.839 4
0.839 0	154.92	83.59	88.37	176.74	0.839 5

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.839 1	154.86	83.55	88.34	176.68	0.839 6
0.839 2	154.81	83.51	88.31	176.62	0.839 7
0.839 3	154.75	83.48	88.28	176.56	0.839 8
0.839 4	154.70	83.44	88.25	176.50	0.839 9
0.839 5	154.64	83.40	88.22	176.44	0.840 0
0.839 6	154.59	83.36	88.19	176.38	0.840 1
0.839 7	154.53	83.32	88.16	176.32	0.840 2
0.839 8	154.48	83.28	88.12	176.24	0.840 3
0.839 9	154.42	83.24	88.09	176.18	0.840 4
0.840 0	154.37	83.20	88.06	176.12	0.840 5
0.840 1	154.31	83.16	88.03	176.06	0.840 6
0.840 2	154.26	83.12	88.00	176.00	0.840 7
0.840 3	154.20	83.08	87.96	175.92	0.840 8
0.840 4	154.15	83.04	87.93	175.86	0.840 9
0.840 5	154.09	83.00	87.90	175.80	0.841 0
0.840 6	154.03	82.96	87.87	175.74	0.841 1
0.840 7	153.98	82.92	87.84	175.68	0.841 2
0.840 8	153.92	82.88	87.80	175.60	0.841 3
0.840 9	153.87	82.84	87.77	175.54	0.841 4
0.841 0	153.81	82.80	87.74	175.48	0.841 5
0.841 1	153.75	82.76	87.71	175.42	0.841 6
0.841 2	153.70	82.72	87.68	175.36	0.841 7
0.841 3	153.64	82.68	87.64	175.28	0.841 8
0.841 4	153.59	82.64	87.61	175.22	0.841 9
0.841 5	153.53	82.60	87.58	175.16	0.842 0
0.841 6	153.47	82.56	87.55	175.10	0.842 1
0.841 7	153.42	82.52	87.52	175.04	0.842 2
0.841 8	153.36	82.48	87.48	174.96	0.842 3
0.841 9	153.31	82.44	87.45	174.90	0.842 4
0.842 0	153.25	82.40	87.42	174.84	0.842 5
0.842 1	153.19	82.36	87.39	174.78	0.842 6
0.842 2	153.14	82.32	87.36	174.72	0.842 7

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.842 3	153.08	82.28	87.32	174.64	0.842 8
0.842 4	153.03	82.24	87.29	174.58	0.842 9
0.842 5	152.97	82.20	87.26	174.52	0.843 0
0.842 6	152.91	82.16	87.23	174.46	0.843 1
0.842 7	152.86	82.12	87.20	174.40	0.843 2
0.842 8	152.80	82.08	87.16	174.32	0.843 3
0.842 9	152.75	82.04	87.13	174.26	0.843 4
0.843 0	152.69	82.00	87.10	174.20	0.843 5
0.843 1	152.63	81.96	87.07	174.14	0.843 6
0.843 2	152.57	81.92	87.04	174.08	0.843 7
0.843 3	152.52	81.88	87.00	174.00	0.843 8
0.843 4	152.46	81.84	86.97	173.94	0.843 9
0.843 5	152.40	81.80	86.94	173.88	0.844 0
0.843 6	152.34	81.76	86.91	173.82	0.844 1
0.843 7	152.29	81.72	86.87	173.74	0.844 2
0.843 8	152.23	81.68	86.84	173.68	0.844 3
0.843 9	152.18	81.64	86.80	173.60	0.844 4
0.844 0	152.12	81.60	86.77	173.54	0.844 5
0.844 1	152.06	81.56	86.74	173.48	0.844 6
0.844 2	152.01	81.52	86.71	173.42	0.844 7
0.844 3	151.95	81.48	86.67	173.34	0.844 8
0.844 4	151.90	81.44	86.64	173.28	0.844 9
0.844 5	151.84	81.40	86.61	173.22	0.845 0
0.844 6	151.78	81.36	86.58	173.16	0.845 1
0.844 7	151.72	81.32	86.55	173.10	0.845 2
0.844 8	151.67	81.28	86.51	173.02	0.845 3
0.844 9	151.61	81.24	86.48	172.96	0.845 4
0.845 0	151.55	81.20	86.45	172.90	0.845 5
0.845 1	151.49	81.16	86.42	172.84	0.845 6
0.845 2	151.43	81.12	86.39	172.78	0.845 7
0.845 3	151.38	81.08	86.35	172.70	0.845 8
0.845 4	151.32	81.04	86.32	172.64	0.845 9
0.845 5	151.26	81.00	86.29	172.58	0.846 0

(Continued)



**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.845 6	151.20	80.96	86.26	172.52	0.846 1
0.845 7	151.14	80.92	86.22	172.44	0.846 2
0.845 8	151.09	80.87	86.19	172.38	0.846 3
0.845 9	151.03	80.83	86.15	172.30	0.846 4
0.846 0	150.97	80.79	86.12	172.24	0.846 5
0.846 1	150.91	80.75	86.09	172.18	0.846 6
0.846 2	150.85	80.71	86.05	172.10	0.846 7
0.846 3	150.80	80.67	86.02	172.04	0.846 8
0.846 4	150.74	80.63	85.98	171.96	0.846 9
0.846 5	150.68	80.59	85.95	171.90	0.847 0
0.846 6	150.62	80.55	85.92	171.84	0.847 1
0.846 7	150.56	80.51	85.89	171.78	0.847 2
0.846 8	150.51	80.47	85.85	171.70	0.847 3
0.846 9	150.45	80.43	85.82	171.64	0.847 4
0.847 0	150.39	80.39	85.79	171.58	0.847 5
0.847 1	150.33	80.35	85.76	171.52	0.847 6
0.847 2	150.27	80.31	85.73	171.46	0.847 7
0.847 3	150.22	80.27	85.69	171.38	0.847 8
0.847 4	150.16	80.23	85.66	171.32	0.847 9
0.847 5	150.10	80.19	85.63	171.26	0.848 0
0.847 6	150.04	80.15	85.60	171.20	0.848 1
0.847 7	149.98	80.11	85.56	171.12	0.848 2
0.847 8	149.92	80.06	85.53	171.06	0.848 3
0.847 9	149.86	80.02	85.49	170.98	0.848 4
0.848 0	149.80	79.98	85.46	170.92	0.848 5
0.848 1	149.74	79.94	85.43	170.86	0.848 6
0.848 2	149.68	79.90	85.39	170.78	0.848 7
0.848 3	149.63	79.86	85.36	170.72	0.848 8
0.848 4	149.57	79.82	85.32	170.64	0.848 9
0.848 5	149.51	79.78	85.29	170.58	0.849 0
0.848 6	149.45	79.74	85.26	170.52	0.849 1
0.848 7	149.39	79.70	85.22	170.44	0.849 2

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.848 8	149.33	79.65	85.19	170.38	0.849 3
0.848 9	149.27	79.61	85.15	170.30	0.849 4
0.849 0	149.21	79.57	85.12	170.24	0.849 5
0.849 1	149.15	79.53	85.09	170.18	0.849 6
0.849 2	149.09	79.49	85.05	170.10	0.849 7
0.849 3	149.04	79.45	85.02	170.04	0.849 8
0.849 4	148.98	79.41	84.98	169.96	0.849 9
0.849 5	148.92	79.37	84.95	169.90	0.850 0
0.849 6	148.86	79.33	84.92	169.84	0.850 1
0.849 7	148.80	79.29	84.88	169.76	0.850 2
0.849 8	148.74	79.25	84.85	169.70	0.850 3
0.849 9	148.68	79.21	84.81	169.62	0.850 4
0.850 0	148.62	79.17	84.78	169.56	0.850 5
0.850 1	148.56	79.13	84.75	169.50	0.850 6
0.850 2	148.50	79.09	84.71	169.42	0.850 7
0.850 3	148.45	79.05	84.68	169.36	0.850 8
0.850 4	148.39	79.01	84.64	169.28	0.850 9
0.850 5	148.33	78.97	84.61	169.22	0.851 0
0.850 6	148.27	78.93	84.58	169.16	0.851 1
0.850 7	148.21	78.89	84.54	169.08	0.851 2
0.850 8	148.15	78.84	84.51	169.02	0.851 3
0.850 9	148.09	78.80	84.47	168.94	0.851 4
0.851 0	148.03	78.76	84.44	168.88	0.851 5
0.851 1	147.97	78.72	84.41	168.82	0.851 6
0.851 2	147.91	78.68	84.38	168.76	0.851 7
0.851 3	147.85	78.64	84.34	168.68	0.851 8
0.851 4	147.79	78.60	84.31	168.62	0.851 9
0.851 5	147.73	78.56	84.28	168.56	0.852 0
0.851 6	147.67	78.52	84.25	168.50	0.852 1
0.851 7	147.61	78.48	84.21	168.42	0.852 2
0.851 8	147.55	78.43	84.18	168.36	0.852 3
0.851 9	147.49	78.39	84.14	168.28	0.852 4
0.852 0	147.43	78.35	84.11	168.22	0.852 5

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.852 1	147.37	78.31	84.08	168.16	0.852 6
0.852 2	147.31	78.27	84.04	168.08	0.852 7
0.852 3	147.25	78.23	84.01	168.02	0.852 8
0.852 4	147.19	78.19	83.97	167.94	0.852 9
0.852 5	147.13	78.15	83.94	167.88	0.853 0
0.852 6	147.07	78.11	83.91	167.82	0.853 1
0.852 7	147.01	78.07	83.87	167.74	0.853 2
0.852 8	146.95	78.02	83.84	167.68	0.853 3
0.852 9	146.89	77.98	83.80	167.60	0.853 4
0.853 0	146.83	77.94	83.77	167.54	0.853 5
0.853 1	146.77	77.90	83.74	167.48	0.853 6
0.853 2	146.71	77.85	83.70	167.40	0.853 7
0.853 3	146.65	77.82	83.67	167.34	0.853 8
0.853 4	146.59	77.78	83.63	167.26	0.853 9
0.853 5	146.53	77.74	83.60	167.20	0.854 0
0.853 6	146.47	77.70	83.56	167.12	0.854 1
0.853 7	146.41	77.66	83.53	167.06	0.854 2
0.853 8	146.35	77.61	83.49	166.98	0.854 3
0.853 9	146.29	77.57	83.46	166.92	0.854 4
0.854 0	146.23	77.53	83.42	166.84	0.854 5
0.854 1	146.17	77.49	83.39	166.78	0.854 6
0.854 2	146.11	77.45	83.35	166.70	0.854 7
0.854 3	146.05	77.41	83.32	166.64	0.854 8
0.854 4	145.99	77.37	83.28	166.56	0.854 9
0.854 5	145.93	77.33	83.25	166.50	0.855 0
0.854 6	145.87	77.29	83.22	166.44	0.855 1
0.854 7	145.81	77.25	83.18	166.36	0.855 2
0.854 8	145.74	77.20	83.15	166.30	0.855 3
0.854 9	145.68	77.16	83.11	166.22	0.855 4
0.855 0	145.62	77.12	83.08	166.16	0.855 5
0.855 1	145.56	77.08	83.05	166.10	0.855 6
0.855 2	145.50	77.04	83.01	166.02	0.855 7

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/ 15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/ 15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.855 3	145.44	77.00	82.98	165.96	0.855 8
0.855 4	145.38	76.96	82.94	165.88	0.855 9
0.855 5	145.32	76.92	82.91	165.82	0.856 0
0.855 6	145.26	76.88	82.87	165.74	0.856 1
0.855 7	145.20	76.84	82.84	165.68	0.856 2
0.855 8	145.13	76.79	82.80	165.60	0.856 3
0.855 9	145.07	76.75	82.77	165.54	0.856 4
0.856 0	145.01	76.71	82.73	165.46	0.856 5
0.856 1	144.95	76.67	82.70	165.40	0.856 6
0.856 2	144.89	76.63	82.66	165.32	0.856 7
0.856 3	144.82	76.58	82.63	165.26	0.856 8
0.856 4	144.76	76.54	82.59	165.18	0.856 9
0.856 5	144.70	76.50	82.56	165.12	0.857 0
0.856 6	144.64	76.46	82.52	165.04	0.857 1
0.856 7	144.58	76.42	82.49	164.98	0.857 2
0.856 8	144.51	76.37	82.45	164.90	0.857 3
0.856 9	144.45	76.33	82.42	164.84	0.857 4
0.857 0	144.39	76.29	82.38	164.76	0.857 5
0.857 1	144.33	76.25	82.35	164.70	0.857 6
0.857 2	144.27	76.21	82.31	164.62	0.857 7
0.857 3	144.20	76.17	82.28	164.56	0.857 8
0.857 4	144.14	76.13	82.24	164.48	0.857 9
0.857 5	144.08	76.09	82.21	164.42	0.858 0
0.857 6	144.02	76.05	82.17	164.34	0.858 1
0.857 7	143.96	76.01	82.14	164.28	0.858 2
0.857 8	143.90	75.96	82.10	164.20	0.858 3
0.857 9	143.84	75.92	82.07	164.14	0.858 4
0.858 0	143.78	75.88	82.03	164.06	0.858 5
0.858 1	143.72	75.84	82.00	164.00	0.858 6
0.858 2	143.66	75.80	81.96	163.92	0.858 7
0.858 3	143.59	75.76	81.93	163.86	0.858 8
0.858 4	143.53	75.72	81.89	163.78	0.858 9
0.858 5	143.47	75.68	81.86	163.72	0.859 0

(Continued)

TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd*

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.858 6	143.41	75.64	81.82	163.64	0.859 1
0.858 7	143.35	75.60	81.79	163.58	0.859 2
0.858 8	143.28	75.55	81.75	163.50	0.859 3
0.858 9	143.22	75.51	81.72	163.44	0.859 4
0.859 0	143.16	75.47	81.68	163.36	0.859 5
0.859 1	143.10	75.43	81.64	163.28	0.859 6
0.859 2	143.04	75.39	81.61	163.22	0.859 7
0.859 3	142.97	75.34	81.57	163.14	0.859 8
0.859 4	142.91	75.30	81.54	163.08	0.859 9
0.859 5	142.85	75.26	81.50	163.00	0.860 0
0.859 6	142.79	75.22	81.46	162.92	0.860 1
0.859 7	142.73	75.18	81.43	162.86	0.860 2
0.859 8	142.66	75.13	81.39	162.78	0.860 3
0.859 9	142.60	75.09	81.36	162.72	0.860 4
0.860 0	142.54	75.05	81.32	162.64	0.860 5
0.860 1	142.48	75.01	81.29	162.58	0.860 6
0.860 2	142.41	74.97	81.25	162.50	0.860 7
0.860 3	142.35	74.93	81.22	162.44	0.860 8
0.860 4	142.28	74.89	81.18	162.36	0.860 9
0.860 5	142.22	74.85	81.15	162.30	0.861 0
0.860 6	142.16	74.81	81.11	162.22	0.861 1
0.860 7	142.10	74.77	81.08	162.16	0.861 2
0.860 8	142.03	74.72	81.04	162.08	0.861 3
0.860 9	141.97	74.68	81.01	162.02	0.861 4
0.861 0	141.91	74.64	80.97	161.94	0.861 5
0.861 1	141.85	74.60	80.93	161.86	0.861 6
0.861 2	141.78	74.56	80.90	161.80	0.861 7
0.861 3	141.72	74.51	80.86	161.72	0.861 8
0.861 4	141.65	74.47	80.83	161.66	0.861 9
0.861 5	141.59	74.43	80.79	161.58	0.862 0
0.861 6	141.53	74.39	80.75	161.50	0.862 1
0.861 7	141.47	74.35	80.72	161.44	0.862 2

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.5°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.861 8	141.40	74.30	80.68	161.36	0.862 3
0.861 9	141.34	74.26	80.65	161.30	0.862 4
0.862 0	141.28	74.22	80.61	161.22	0.862 5
0.862 1	141.22	74.18	80.57	161.14	0.862 6
0.862 2	141.16	74.14	80.54	161.08	0.862 7
0.862 3	141.09	74.09	80.50	161.00	0.862 8
0.862 4	141.03	74.05	80.47	160.94	0.862 9
0.862 5	140.97	74.01	80.43	160.86	0.863 0
0.862 6	140.91	73.97	80.39	160.78	0.863 1
0.862 7	140.84	73.93	80.36	160.72	0.863 2
0.862 8	140.78	73.88	80.32	160.64	0.863 3
0.862 9	140.71	73.84	80.29	160.58	0.863 4
0.863 0	140.65	73.80	80.25	160.50	0.863 5
0.863 1	140.59	73.76	80.21	160.42	0.863 6
0.863 2	140.52	73.72	80.18	160.36	0.863 7
0.863 3	140.46	73.67	80.14	160.28	0.863 8
0.863 4	140.39	73.63	80.11	160.22	0.863 9
0.863 5	140.33	73.59	80.07	160.14	0.864 0
0.863 6	140.27	73.55	80.03	160.06	0.864 1
0.863 7	140.21	73.51	80.00	160.00	0.864 2
0.863 8	140.14	73.47	79.96	159.92	0.864 3
0.863 9	140.08	73.43	79.93	159.86	0.864 4
0.864 0	140.02	73.39	79.89	159.78	0.864 5
0.864 1	139.96	73.35	79.85	159.70	0.864 6
0.864 2	139.89	73.31	79.82	159.64	0.864 7
0.864 3	139.83	73.26	79.78	159.56	0.864 8
0.864 4	139.76	73.22	79.75	159.50	0.864 9
0.864 5	139.70	73.18	79.71	159.42	0.865 0
0.864 6	139.64	73.14	79.67	159.34	0.865 1
0.864 7	139.57	73.10	79.64	159.28	0.865 2
0.864 8	139.51	73.05	79.60	159.20	0.865 3
0.864 9	139.44	73.01	79.57	159.14	0.865 4
0.865 0	139.38	72.97	79.53	159.06	0.865 5

(Continued)

TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd*

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.865 1	139.32	72.93	79.49	158.98	0.865 5
0.865 2	139.25	72.89	79.46	158.92	0.865 6
0.865 3	139.19	72.84	79.42	158.84	0.865 7
0.865 4	139.12	72.80	79.39	158.76	0.865 8
0.865 5	139.06	72.76	79.35	158.70	0.865 9
0.865 6	139.00	72.72	79.31	158.62	0.866 0
0.865 7	138.93	72.68	79.27	158.54	0.866 1
0.865 8	138.87	72.63	79.24	158.48	0.866 2
0.865 9	138.80	72.59	79.20	158.40	0.866 3
0.866 0	138.74	72.55	79.16	158.32	0.866 4
0.866 1	138.68	72.51	79.12	158.24	0.866 5
0.866 2	138.61	72.47	79.09	158.18	0.866 6
0.866 3	138.55	72.42	79.05	158.10	0.866 7
0.866 4	138.48	72.38	79.02	158.04	0.866 8
0.866 5	138.42	72.34	78.98	157.96	0.866 9
0.866 6	138.36	72.30	78.94	157.88	0.867 0
0.866 7	138.29	72.26	78.91	157.82	0.867 1
0.866 8	138.23	72.22	78.87	157.74	0.867 2
0.866 9	138.16	72.18	78.84	157.68	0.867 3
0.867 0	138.10	72.14	78.80	157.60	0.867 4
0.867 1	138.04	72.10	78.76	157.52	0.867 5
0.867 2	137.97	72.06	78.73	157.46	0.867 6
0.867 3	137.91	72.01	78.69	157.38	0.867 7
0.867 4	137.84	71.97	78.66	157.32	0.867 8
0.867 5	137.78	71.93	78.62	157.24	0.867 9
0.867 6	137.72	71.89	78.58	157.16	0.868 0
0.867 7	137.65	71.85	78.54	157.08	0.868 1
0.867 8	137.59	71.80	78.51	157.02	0.868 2
0.867 9	137.52	71.76	78.47	156.94	0.868 3
0.868 0	137.46	71.72	78.43	156.86	0.868 4
0.868 1	137.39	71.68	78.39	156.78	0.868 5
0.868 2	137.33	71.64	78.36	156.72	0.868 6

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.868 3	137.26	71.59	78.32	156.64	0.868 7
0.868 4	137.20	71.55	78.29	156.58	0.868 8
0.868 5	137.13	71.51	78.25	156.50	0.868 9
0.868 6	137.07	71.47	78.21	156.42	0.869 0
0.868 7	137.00	71.43	78.17	156.34	0.869 1
0.868 8	136.94	71.38	78.14	156.28	0.869 2
0.868 9	136.87	71.34	78.10	156.20	0.869 3
0.869 0	136.81	71.30	78.06	156.12	0.869 4
0.869 1	136.74	71.26	78.02	156.04	0.869 5
0.869 2	136.68	71.22	77.99	155.98	0.869 6
0.869 3	136.61	71.17	77.95	155.90	0.869 7
0.869 4	136.55	71.13	77.92	155.84	0.869 8
0.869 5	136.48	71.09	77.88	155.76	0.869 9
0.869 6	136.42	71.05	77.84	155.68	0.870 0
0.869 7	136.35	71.01	77.80	155.60	0.870 1
0.869 8	136.29	70.96	77.77	155.54	0.870 2
0.869 9	136.22	70.92	77.73	155.46	0.870 3
0.870 0	136.16	70.88	77.69	155.38	0.870 4
0.870 1	136.09	70.84	77.65	155.30	0.870 5
0.870 2	136.03	70.80	77.62	155.24	0.870 6
0.870 3	135.96	70.75	77.58	155.16	0.870 7
0.870 4	135.90	70.71	77.55	155.10	0.870 8
0.870 5	135.83	70.67	77.51	155.02	0.870 9
0.870 6	135.76	70.63	77.47	154.94	0.871 0
0.870 7	135.70	70.59	77.43	154.86	0.871 1
0.870 8	135.63	70.54	77.40	154.80	0.871 2
0.870 9	135.57	70.50	77.36	154.72	0.871 3
0.871 0	135.50	70.46	77.32	154.64	0.871 4
0.871 1	135.43	70.42	77.28	154.56	0.871 5
0.871 2	135.37	70.38	77.24	154.48	0.871 6
0.871 3	135.30	70.33	77.21	154.42	0.871 7
0.871 4	135.24	70.29	77.17	154.34	0.871 8
0.871 5	135.17	70.25	77.13	154.26	0.871 9

(Continued)



**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF U.S. PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF U.S. PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.871 6	135.10	70.21	77.09	154.18	0.872 0
0.871 7	135.04	70.17	77.05	154.10	0.872 1
0.871 8	134.97	70.12	77.02	154.04	0.872 2
0.871 9	134.91	70.08	76.98	153.96	0.872 3
0.872 0	134.84	70.04	76.94	153.88	0.872 4
0.872 1	134.78	70.00	76.90	153.80	0.872 5
0.872 2	134.71	69.96	76.87	153.74	0.872 6
0.872 3	134.65	69.91	76.83	153.66	0.872 7
0.872 4	134.58	69.87	76.80	153.60	0.872 8
0.872 5	134.52	69.83	76.76	153.52	0.872 9
0.872 6	134.45	69.79	76.72	153.44	0.873 0
0.872 7	134.39	69.74	76.68	153.36	0.873 1
0.872 8	134.32	69.70	76.65	153.30	0.873 2
0.872 9	134.26	69.65	76.61	153.22	0.873 3
0.873 0	134.19	69.61	76.57	153.14	0.873 4
0.873 1	134.12	69.57	76.53	153.06	0.873 5
0.873 2	134.06	69.53	76.49	152.98	0.873 6
0.873 3	133.99	69.48	76.46	152.92	0.873 7
0.873 4	133.93	69.44	76.42	152.84	0.873 8
0.873 5	133.86	69.40	76.38	152.76	0.873 9
0.873 6	133.79	69.36	76.34	152.68	0.874 0
0.873 7	133.73	69.32	76.30	152.60	0.874 1
0.873 8	133.66	69.27	76.27	152.54	0.874 2
0.873 9	133.60	69.22	76.23	152.46	0.874 3
0.874 0	133.53	69.19	76.19	152.38	0.874 4
0.874 1	133.46	69.15	76.15	152.30	0.874 5
0.874 2	133.40	69.11	76.12	152.24	0.874 6
0.874 3	133.33	69.06	76.06	152.16	0.874 7
0.874 4	133.27	69.02	76.05	152.10	0.874 8
0.874 5	133.20	68.98	76.01	152.02	0.874 9
0.874 6	133.13	68.94	75.97	151.94	0.875 0
0.874 7	133.07	68.90	75.93	151.86	0.875 1

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.874 8	133.00	68.85	75.90	151.80	0.875 2
0.874 9	132.94	68.81	75.86	151.72	0.875 3
0.875 0	132.87	68.77	75.82	151.64	0.875 4
0.875 1	132.80	68.73	75.78	151.56	0.875 5
0.875 2	132.73	68.69	75.74	151.48	0.875 6
0.875 3	132.67	68.64	75.71	151.42	0.875 7
0.875 4	132.60	68.60	75.67	151.34	0.875 8
0.875 5	132.53	68.56	75.63	151.26	0.875 9
0.875 6	132.46	68.52	75.59	151.18	0.876 0
0.875 7	132.39	68.48	75.55	151.10	0.876 1
0.875 8	132.33	68.43	75.52	151.04	0.876 2
0.875 9	132.26	68.39	75.48	150.96	0.876 3
0.876 0	132.19	68.35	75.44	150.88	0.876 4
0.876 1	132.12	68.31	75.40	150.80	0.876 5
0.876 2	132.06	68.27	75.36	150.72	0.876 6
0.876 3	131.99	68.22	75.33	150.66	0.876 7
0.876 4	131.93	68.18	75.29	150.58	0.876 8
0.876 5	131.86	68.14	75.25	150.50	0.876 9
0.876 6	131.79	68.10	75.21	150.42	0.877 0
0.876 7	131.73	68.06	75.17	150.34	0.877 1
0.876 8	131.66	68.01	75.14	150.28	0.877 2
0.876 9	131.60	67.97	75.10	150.20	0.877 3
0.877 0	131.53	67.93	75.06	150.12	0.877 4
0.877 1	131.46	67.89	75.02	150.04	0.877 5
0.877 2	131.39	67.85	74.98	149.96	0.877 6
0.877 3	131.33	67.80	74.95	149.90	0.877 7
0.877 4	131.26	67.76	74.91	149.82	0.877 8
0.877 5	131.19	67.72	74.87	149.74	0.877 9
0.877 6	131.12	67.68	74.83	149.66	0.878 0
0.877 7	131.06	67.64	74.79	149.58	0.878 1
0.877 8	130.99	67.59	74.76	149.52	0.878 2
0.877 9	130.93	67.55	74.72	149.44	0.878 3
0.878 0	130.86	67.51	74.68	149.36	0.878 4

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.878 1	130.79	67.47	74.64	149.28	0.878 5
0.878 2	130.72	67.43	74.60	149.20	0.878 6
0.878 3	130.66	67.38	74.57	149.14	0.878 7
0.878 4	130.59	67.34	74.53	149.06	0.878 8
0.878 5	130.52	67.30	74.49	148.98	0.878 9
0.878 6	130.45	67.26	74.45	148.90	0.879 0
0.878 7	130.38	67.22	74.41	148.82	0.879 1
0.878 8	130.32	67.17	74.37	148.74	0.879 2
0.878 9	130.25	67.13	74.33	148.66	0.879 3
0.879 0	130.18	67.09	74.29	148.58	0.879 4
0.879 1	130.11	67.05	74.25	148.50	0.879 5
0.879 2	130.04	67.01	74.21	148.42	0.879 6
0.879 3	129.98	66.96	74.18	148.36	0.879 7
0.879 4	129.91	66.92	74.14	148.28	0.879 8
0.879 5	129.84	66.88	74.10	148.20	0.879 9
0.879 6	129.77	66.84	74.06	148.12	0.880 0
0.879 7	129.70	66.79	74.02	148.04	0.880 1
0.879 8	129.64	66.75	73.99	147.98	0.880 2
0.879 9	129.57	66.70	73.95	147.90	0.880 3
0.880 0	129.50	66.66	73.91	147.82	0.880 4
0.880 1	129.43	66.62	73.87	147.74	0.880 5
0.880 2	129.36	66.58	73.83	147.66	0.880 6
0.880 3	129.30	66.53	73.80	147.60	0.880 7
0.880 4	129.23	66.49	73.76	147.52	0.880 8
0.880 5	129.16	66.45	73.72	147.44	0.880 9
0.880 6	129.09	66.41	73.68	147.36	0.881 0
0.880 7	129.02	66.36	73.64	147.28	0.881 1
0.880 8	128.96	66.32	73.60	147.20	0.881 2
0.880 9	128.89	66.27	73.56	147.12	0.881 3
0.881 0	128.82	66.23	73.52	147.04	0.881 4
0.881 1	128.75	66.19	73.48	146.96	0.881 5
0.881 2	128.68	66.15	73.44	146.88	0.881 6

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.881 3	128.62	66.10	73.41	146.82	0.881 7
0.881 4	128.55	66.06	73.37	146.74	0.881 8
0.881 5	128.48	66.02	73.33	146.66	0.881 9
0.881 6	128.41	65.98	73.29	146.58	0.882 0
0.881 7	128.34	65.94	73.25	146.50	0.882 1
0.881 8	128.28	65.89	73.21	146.42	0.882 2
0.881 9	128.21	65.85	73.17	146.34	0.882 3
0.882 0	128.14	65.81	73.13	146.26	0.882 4
0.882 1	128.07	65.77	73.09	146.18	0.882 5
0.882 2	128.00	65.73	73.05	146.10	0.882 6
0.882 3	127.94	65.68	73.02	146.04	0.882 7
0.882 4	127.87	65.64	72.98	145.96	0.882 8
0.882 5	127.80	65.60	72.94	145.88	0.882 9
0.882 6	127.73	65.56	72.90	145.80	0.883 0
0.882 7	127.66	65.51	72.86	145.72	0.883 1
0.882 8	127.59	65.47	72.82	145.64	0.883 2
0.882 9	127.52	65.42	72.78	145.56	0.883 3
0.883 0	127.45	65.38	72.74	145.48	0.883 4
0.883 1	127.38	65.34	72.70	145.40	0.883 5
0.883 2	127.31	65.30	72.66	145.32	0.883 6
0.883 3	127.25	65.25	72.62	145.24	0.883 7
0.883 4	127.18	65.21	72.58	145.16	0.883 8
0.883 5	127.11	65.17	72.54	145.08	0.883 9
0.883 6	127.04	65.13	72.50	145.00	0.884 0
0.883 7	126.97	65.09	72.46	144.92	0.884 1
0.883 8	126.91	65.04	72.42	144.84	0.884 2
0.883 9	126.84	65.00	72.38	144.76	0.884 3
0.884 0	126.77	64.96	72.34	144.68	0.884 4
0.884 1	126.70	64.92	72.30	144.60	0.884 5
0.884 2	126.63	64.88	72.26	144.52	0.884 6
0.884 3	126.56	64.83	72.23	144.46	0.884 7
0.884 4	126.49	64.79	72.19	144.38	0.884 8
0.884 5	126.42	64.75	72.15	144.30	0.884 9

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.884 6	126.35	64.71	72.11	144.22	0.885 0
0.884 7	126.28	64.66	72.07	144.14	0.885 1
0.884 8	126.21	64.62	72.03	144.06	0.885 2
0.884 9	126.14	64.57	71.99	143.98	0.885 3
0.885 0	126.07	64.53	71.95	143.90	0.885 4
0.885 1	126.00	64.49	71.91	143.82	0.885 5
0.885 2	125.93	64.45	71.87	143.74	0.885 6
0.885 3	125.86	64.40	71.83	143.66	0.885 7
0.885 4	125.79	64.36	71.79	143.58	0.885 8
0.885 5	125.72	64.32	71.75	143.50	0.885 9
0.885 6	125.65	64.28	71.71	143.42	0.886 0
0.885 7	125.58	64.23	71.67	143.34	0.886 1
0.885 8	125.51	64.19	71.63	143.26	0.886 2
0.885 9	125.44	64.14	71.59	143.18	0.886 3
0.886 0	125.37	64.10	71.55	143.10	0.886 4
0.886 1	125.30	64.06	71.51	143.02	0.886 5
0.886 2	125.23	64.02	71.47	142.94	0.886 6
0.886 3	125.16	63.97	71.43	142.86	0.886 7
0.886 4	125.09	63.93	71.39	142.78	0.886 8
0.886 5	125.02	63.89	71.35	142.70	0.886 9
0.886 6	124.95	63.85	71.31	142.62	0.887 0
0.886 7	124.88	63.80	71.27	142.54	0.887 1
0.886 8	124.81	63.76	71.23	142.46	0.887 2
0.886 9	124.74	63.71	71.19	142.38	0.887 3
0.887 0	124.67	63.67	71.15	142.30	0.887 4
0.887 1	124.60	63.63	71.11	142.22	0.887 5
0.887 2	124.53	63.59	71.07	142.14	0.887 6
0.887 3	124.46	63.54	71.03	142.06	0.887 7
0.887 4	124.39	63.50	70.99	141.98	0.887 8
0.887 5	124.32	63.46	70.95	141.90	0.887 9
0.887 6	124.25	63.42	70.91	141.82	0.888 0
0.887 7	124.18	63.37	70.87	141.74	0.888 1

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.887 8	124.11	63.33	70.83	141.66	0.888 2
0.887 9	124.04	63.28	70.79	141.58	0.888 3
0.888 0	123.97	63.24	70.75	141.50	0.888 4
0.888 1	123.90	63.20	70.71	141.42	0.888 5
0.888 2	123.83	63.16	70.67	141.34	0.888 6
0.888 3	123.76	63.11	70.63	141.26	0.888 7
0.888 4	123.69	63.07	70.58	141.18	0.888 8
0.888 5	123.62	63.03	70.55	141.10	0.888 9
0.888 6	123.55	62.99	70.51	141.02	0.889 0
0.888 7	123.48	62.94	70.47	140.94	0.889 1
0.888 8	123.41	62.90	70.43	140.86	0.889 2
0.888 9	123.34	62.85	70.39	140.78	0.889 3
0.889 0	123.27	62.81	70.35	140.70	0.889 4
0.889 1	123.20	62.77	70.31	140.62	0.889 5
0.889 2	123.13	62.73	70.27	140.54	0.889 6
0.889 3	123.05	62.68	70.23	140.46	0.889 7
0.889 4	122.98	62.64	70.19	140.38	0.889 8
0.889 5	122.91	62.60	70.15	140.30	0.889 9
0.889 6	122.84	62.56	70.11	140.22	0.890 0
0.889 7	122.77	62.51	70.07	140.14	0.890 1
0.889 8	122.70	62.47	70.03	140.06	0.890 2
0.889 9	122.63	62.42	69.99	139.98	0.890 3
0.890 0	122.56	62.38	69.95	139.90	0.890 5
0.890 1	122.49	62.34	69.91	139.82	0.890 6
0.890 2	122.42	62.30	69.87	139.74	0.890 7
0.890 3	122.34	62.25	69.83	139.66	0.890 8
0.890 4	122.27	62.21	69.79	139.58	0.890 9
0.890 5	122.20	62.17	69.75	139.50	0.891 0
0.890 6	122.13	62.13	69.71	139.42	0.891 1
0.890 7	122.05	62.08	69.67	139.34	0.891 2
0.890 8	121.99	62.04	69.63	139.26	0.891 3
0.890 9	121.92	61.99	69.59	139.18	0.891 4
0.891 0	121.85	61.95	69.55	139.10	0.891 5

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.891 1	121.78	61.91	69.51	139.02	0.891 6
0.891 2	121.71	61.87	69.47	138.94	0.891 7
0.891 3	121.63	61.82	69.43	138.86	0.891 8
0.891 4	121.56	61.78	69.39	138.78	0.891 9
0.891 5	121.49	61.74	69.35	138.70	0.892 0
0.891 6	121.42	61.70	69.31	138.62	0.892 1
0.891 7	121.35	61.65	69.27	138.54	0.892 2
0.891 8	121.28	61.61	69.22	138.44	0.892 3
0.891 9	121.21	61.56	69.18	138.36	0.892 4
0.892 0	121.14	61.52	69.14	138.28	0.892 5
0.892 1	121.07	61.48	69.10	138.20	0.892 6
0.892 2	121.00	61.44	69.06	138.12	0.892 7
0.892 3	120.92	61.39	69.02	138.04	0.892 8
0.892 4	120.85	61.35	68.98	137.96	0.892 9
0.892 5	120.78	61.31	68.94	137.88	0.893 0
0.892 6	120.71	61.27	68.90	137.80	0.893 1
0.892 7	120.64	61.22	68.86	137.72	0.893 2
0.892 8	120.56	61.18	68.81	137.62	0.893 3
0.892 9	120.49	61.13	68.77	137.54	0.893 4
0.893 0	120.42	61.09	68.73	137.46	0.893 5
0.893 1	120.35	61.05	68.69	137.38	0.893 6
0.893 2	120.28	61.01	68.65	137.30	0.893 7
0.893 3	120.20	60.96	68.61	137.22	0.893 8
0.893 4	120.13	60.92	68.57	137.14	0.893 9
0.893 5	120.06	60.88	68.53	137.06	0.894 0
0.893 6	119.99	60.84	68.49	136.98	0.894 1
0.893 7	119.92	60.79	68.45	136.90	0.894 2
0.893 8	119.84	60.75	68.41	136.82	0.894 3
0.893 9	119.77	60.70	68.37	136.74	0.894 4
0.894 0	119.70	60.66	68.33	136.66	0.894 5
0.894 1	119.63	60.62	68.29	136.58	0.894 6
0.894 2	119.56	60.58	68.25	136.50	0.894 7

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.894 3	119.48	60.53	68.21	136.42	0.894 8
0.894 4	119.41	60.49	68.17	136.34	0.894 9
0.894 5	119.34	60.45	68.13	136.26	0.895 0
0.894 6	119.27	60.41	68.09	136.18	0.895 1
0.894 7	119.20	60.36	68.05	136.10	0.895 2
0.894 8	119.12	60.32	68.00	136.00	0.895 3
0.894 9	119.05	60.27	67.96	135.92	0.895 4
0.895 0	118.98	60.23	67.92	135.84	0.895 5
0.895 1	118.91	60.19	67.88	135.76	0.895 6
0.895 2	118.84	60.15	67.84	135.68	0.895 7
0.895 3	118.76	60.10	67.79	135.58	0.895 8
0.895 4	118.69	60.06	67.75	135.50	0.895 9
0.895 5	118.62	60.02	67.71	135.42	0.896 0
0.895 6	118.55	59.98	67.67	135.34	0.896 1
0.895 7	118.48	59.93	67.63	135.26	0.896 2
0.895 8	118.40	59.89	67.58	135.16	0.896 3
0.895 9	118.33	59.84	67.54	135.08	0.896 4
0.896 0	118.26	59.80	67.50	135.00	0.896 5
0.896 1	118.19	59.76	67.46	134.92	0.896 6
0.896 2	118.12	59.72	67.42	134.84	0.896 7
0.896 3	118.04	59.67	67.37	134.74	0.896 8
0.896 4	117.97	59.63	67.33	134.66	0.896 9
0.896 5	117.90	59.59	67.29	134.58	0.897 0
0.896 6	117.83	59.55	67.25	134.50	0.897 1
0.896 7	117.78	59.50	67.21	134.42	0.897 2
0.896 8	117.68	59.46	67.17	134.34	0.897 3
0.896 9	117.61	59.41	67.13	134.26	0.897 4
0.897 0	117.54	59.37	67.09	134.18	0.897 5
0.897 1	117.47	59.33	67.05	134.10	0.897 6
0.897 2	117.39	59.28	67.01	134.02	0.897 7
0.897 3	117.32	59.24	66.96	133.92	0.897 8
0.897 4	117.24	59.19	66.92	133.84	0.897 9
0.897 5	117.17	59.15	66.88	133.76	0.898 0

(Continued)



**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.897 6	117.10	59.11	66.84	133.68	0.898 1
0.897 7	117.03	59.06	66.80	133.60	0.898 2
0.897 8	116.95	59.02	66.75	133.50	0.898 3
0.897 9	116.88	58.97	66.71	133.42	0.898 4
0.898 0	116.81	58.93	66.67	133.34	0.898 5
0.898 1	116.74	58.89	66.63	133.26	0.898 6
0.898 2	116.66	58.85	66.59	133.18	0.898 7
0.898 3	116.59	58.80	66.54	133.08	0.898 8
0.898 4	116.51	58.76	66.50	133.00	0.898 9
0.898 5	116.44	58.72	66.46	132.92	0.899 0
0.898 6	116.37	58.68	66.42	132.84	0.899 1
0.898 7	116.29	58.63	66.38	132.76	0.899 2
0.898 8	116.22	58.59	66.33	132.66	0.899 3
0.898 9	116.14	58.54	66.29	132.58	0.899 4
0.899 0	116.07	58.50	66.25	132.50	0.899 5
0.899 1	116.00	58.46	66.21	132.42	0.899 6
0.899 2	115.92	58.41	66.17	132.34	0.899 7
0.899 3	115.85	58.37	66.12	132.24	0.899 8
0.899 4	115.77	58.32	66.08	132.16	0.899 9
0.899 5	115.70	58.28	66.04	132.08	0.900 0
0.899 6	115.63	58.24	66.00	132.00	0.900 1
0.899 7	115.55	58.19	65.96	131.92	0.900 2
0.899 8	115.48	58.15	65.91	131.82	0.900 3
0.899 9	115.40	58.10	65.87	131.74	0.900 4
0.900 0	115.33	58.06	65.83	131.66	0.900 5
0.900 1	115.26	58.02	65.79	131.58	0.900 6
0.900 2	115.18	57.97	65.75	131.50	0.900 7
0.900 3	115.11	57.93	65.70	131.40	0.900 8
0.900 4	115.03	57.88	65.66	131.32	0.900 9
0.900 5	114.96	57.84	65.62	131.24	0.901 0
0.900 6	114.89	57.80	65.58	131.16	0.901 1
0.900 7	114.81	57.75	65.54	131.08	0.901 2

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15·6°/15·6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15·6°/15·6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15·6°/15·6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15·6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0·900 8	114·74	57·71	65·49	130·98	0·901 3
0·900 9	114·66	57·66	65·45	130·90	0·901 4
0·901 0	114·59	57·62	65·41	130·82	0·901 5
0·901 1	114·52	57·58	65·37	130·74	0·901 6
0·901 2	114·44	57·53	65·33	130·66	0·901 7
0·901 3	114·37	57·49	65·28	130·56	0·901 8
0·901 4	114·29	57·44	65·24	130·48	0·901 9
0·901 5	114·22	57·40	65·20	130·40	0·902 0
0·901 6	114·14	57·36	65·16	130·32	0·902 1
0·901 7	114·07	57·31	65·11	130·22	0·902 2
0·901 8	113·99	57·27	65·07	130·14	0·902 3
0·901 9	113·92	57·22	65·02	130·04	0·902 4
0·902 0	113·84	57·18	64·98	129·96	0·902 5
0·902 1	113·77	57·14	64·94	129·88	0·902 6
0·902 2	113·69	57·10	64·90	129·80	0·902 7
0·902 3	113·62	57·05	64·85	129·70	0·902 8
0·902 4	113·54	57·01	64·81	129·62	0·902 9
0·902 5	113·47	56·97	64·77	129·54	0·903 0
0·902 6	113·40	56·93	64·73	129·46	0·903 1
0·902 7	113·32	56·88	64·69	129·38	0·903 2
0·902 8	113·25	56·84	64·64	129·28	0·903 3
0·902 9	113·17	56·79	64·60	129·20	0·903 4
0·903 0	113·10	56·75	64·56	129·12	0·903 5
0·903 1	113·02	56·71	64·52	129·04	0·903 6
0·903 2	112·95	56·66	64·48	128·96	0·903 7
0·903 3	112·87	56·62	64·43	128·86	0·903 8
0·903 4	112·80	56·57	64·39	128·78	0·903 9
0·903 5	112·72	56·53	64·35	128·70	0·904 0
0·903 6	112·65	56·49	64·31	128·62	0·904 1
0·903 7	112·57	56·44	64·26	128·52	0·904 2
0·903 8	112·50	56·40	64·22	128·44	0·904 3
0·903 9	112·42	56·35	64·17	128·34	0·904 4
0·904 0	112·35	56·31	64·13	128·26	0·904 5

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.904 1	112.27	56.27	64.09	128.18	0.904 6
0.904 2	112.20	56.22	64.05	128.10	0.904 7
0.904 3	112.12	56.18	64.00	128.00	0.904 8
0.904 4	112.05	56.13	63.96	127.92	0.904 9
0.904 5	111.97	56.09	63.92	127.84	0.905 0
0.904 6	111.89	56.04	63.88	127.76	0.905 1
0.904 7	111.81	56.00	63.83	127.66	0.905 2
0.904 8	111.74	55.95	63.79	127.58	0.905 3
0.904 9	111.66	55.91	63.74	127.48	0.905 4
0.905 0	111.58	55.86	63.70	127.40	0.905 5
0.905 1	111.50	55.82	63.66	127.32	0.905 6
0.905 2	111.43	55.77	63.61	127.22	0.905 7
0.905 3	111.35	55.73	63.57	127.14	0.905 8
0.905 4	111.28	55.68	63.52	127.04	0.905 9
0.905 5	111.20	55.64	63.48	126.96	0.906 0
0.905 6	111.12	55.60	63.44	126.88	0.906 1
0.905 7	111.05	55.55	63.39	126.78	0.906 2
0.905 8	110.97	55.51	63.35	126.70	0.906 3
0.905 9	110.90	55.46	63.30	126.60	0.906 4
0.906 0	110.82	55.42	63.26	126.52	0.906 5
0.906 1	110.74	55.38	63.22	126.42	0.906 6
0.906 2	110.67	55.33	63.18	126.36	0.906 7
0.906 3	110.59	55.29	63.13	126.26	0.906 8
0.906 4	110.52	55.24	63.09	126.18	0.906 9
0.906 5	110.44	55.20	63.05	126.10	0.907 0
0.906 6	110.36	55.16	63.01	126.02	0.907 1
0.906 7	110.29	55.11	62.96	125.92	0.907 2
0.906 8	110.21	55.07	62.92	125.84	0.907 3
0.906 9	110.14	55.02	62.87	125.74	0.907 4
0.907 0	110.06	54.98	62.83	125.66	0.907 5
0.907 1	109.98	54.94	62.79	125.58	0.907 6
0.907 2	109.90	54.89	62.74	125.48	0.907 7

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.907 3	109.83	54.85	62.70	125.40	0.907 8
0.907 4	109.75	54.80	62.65	125.30	0.907 9
0.907 5	109.67	54.76	62.61	125.22	0.908 0
0.907 6	109.59	54.72	62.57	125.14	0.908 1
0.907 7	109.52	54.67	62.52	125.04	0.908 2
0.907 8	109.44	54.63	62.48	124.96	0.908 3
0.907 9	109.37	54.58	62.43	124.86	0.908 4
0.908 0	109.29	54.54	62.39	124.78	0.908 5
0.908 1	109.21	54.50	62.35	124.70	0.908 6
0.908 2	109.13	54.45	62.30	124.60	0.908 7
0.908 3	109.06	54.41	62.26	124.52	0.908 8
0.908 4	108.98	54.36	62.21	124.42	0.908 9
0.908 5	108.90	54.32	62.17	124.34	0.909 0
0.908 6	108.82	54.28	62.13	124.26	0.909 1
0.908 7	108.74	54.23	62.08	124.16	0.909 2
0.908 8	108.67	54.19	62.04	124.08	0.909 3
0.908 9	108.59	54.14	61.99	123.98	0.909 4
0.909 0	108.51	54.10	61.95	123.90	0.909 5
0.909 1	108.43	54.06	61.91	123.82	0.909 6
0.909 2	108.36	54.01	61.86	123.72	0.909 7
0.909 3	108.28	53.97	61.82	123.64	0.909 8
0.909 4	108.21	53.92	61.77	123.54	0.909 9
0.909 5	108.13	53.88	61.73	123.46	0.910 0
0.909 6	108.05	53.83	61.69	123.38	0.910 1
0.909 7	107.97	53.79	61.64	123.28	0.910 2
0.909 8	107.90	53.74	61.60	123.20	0.910 3
0.909 9	107.82	53.70	61.55	123.10	0.910 4
0.910 0	107.74	53.65	61.51	123.02	0.910 5
0.910 1	107.66	53.61	61.47	122.94	0.910 6
0.910 2	107.59	53.56	61.42	122.84	0.910 7
0.910 3	107.51	53.52	61.38	122.76	0.910 8
0.910 4	107.44	53.47	61.33	122.66	0.910 9
0.910 5	107.36	53.43	61.29	122.58	0.911 0

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — Contd**

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.910 6	107.28	53.39	61.25	122.50	0.911 1
0.910 7	107.20	53.34	61.20	122.40	0.911 2
0.910 8	107.13	53.30	61.16	122.32	0.911 3
0.910 9	107.05	53.25	61.11	122.22	0.911 4
0.911 0	106.97	53.21	61.07	122.14	0.911 5
0.911 1	106.89	53.17	61.03	122.06	0.911 6
0.911 2	106.81	53.12	60.98	121.96	0.911 7
0.911 3	106.74	53.08	60.94	121.88	0.911 8
0.911 4	106.66	53.03	60.89	121.78	0.911 9
0.911 5	106.58	52.99	60.85	121.70	0.912 0
0.911 6	106.50	52.95	60.81	121.62	0.912 1
0.911 7	106.43	52.90	60.76	121.52	0.912 2
0.911 8	106.35	52.86	60.72	121.44	0.912 3
0.911 9	106.28	52.81	60.67	121.34	0.912 4
0.912 0	106.20	52.77	60.63	121.26	0.912 5
0.912 1	106.12	52.73	60.59	121.18	0.912 6
0.912 2	106.04	52.68	60.54	121.08	0.912 7
0.912 3	105.97	52.64	60.50	121.00	0.912 8
0.912 4	105.89	52.59	60.45	120.90	0.912 9
0.912 5	105.81	52.55	60.41	120.82	0.913 0
0.912 6	105.73	52.51	60.37	120.74	0.913 1
0.912 7	105.65	52.46	60.32	120.64	0.913 2
0.912 8	105.57	52.42	60.28	120.56	0.913 3
0.912 9	105.49	52.37	60.23	120.46	0.913 4
0.913 0	105.41	52.33	60.19	120.38	0.913 5
0.913 1	105.33	52.29	60.15	120.30	0.913 6
0.913 2	105.25	52.24	60.10	120.20	0.913 7
0.913 3	105.18	52.20	60.06	120.12	0.913 8
0.913 4	105.10	52.15	60.01	120.02	0.913 9
0.913 5	105.02	52.11	59.97	119.94	0.914 0
0.913 6	104.94	52.06	59.92	119.84	0.914 1
0.913 7	104.86	52.02	59.88	119.76	0.914 2

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd.***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.913 8	104.79	51.97	59.83	119.66	0.914 3
0.913 9	104.71	51.93	59.79	119.58	0.914 4
0.914 0	104.63	51.88	59.74	119.48	0.914 5
0.914 1	104.55	51.84	59.70	119.40	0.914 6
0.914 2	104.47	51.79	59.65	119.30	0.914 7
0.914 3	104.39	51.75	59.61	119.22	0.914 8
0.914 4	104.31	51.70	59.56	119.12	0.914 9
0.914 5	104.23	51.66	59.52	119.04	0.915 0
0.914 6	104.15	51.61	59.47	118.94	0.915 1
0.914 7	104.07	51.57	59.43	118.86	0.915 2
0.914 8	104.00	51.52	59.38	118.76	0.915 3
0.914 9	103.92	51.48	59.34	118.68	0.915 4
0.915 0	103.84	51.43	59.29	118.58	0.915 5
0.915 1	103.76	51.39	59.24	118.48	0.915 6
0.915 2	103.68	51.34	59.20	118.40	0.915 7
0.915 3	103.60	51.30	59.15	118.30	0.915 8
0.915 4	103.52	51.25	59.11	118.22	0.915 9
0.915 5	103.44	51.21	59.06	118.12	0.916 0
0.915 6	103.36	51.16	59.01	118.02	0.916 1
0.915 7	103.28	51.12	58.97	117.94	0.916 2
0.915 8	103.21	51.07	58.92	117.84	0.916 3
0.915 9	103.13	51.03	58.88	117.76	0.916 4
0.916 0	103.05	50.98	58.83	117.66	0.916 5
0.916 1	102.97	50.94	58.79	117.58	0.916 6
0.916 2	102.89	50.89	58.74	117.48	0.916 7
0.916 3	102.81	50.85	58.70	117.40	0.916 8
0.916 4	102.73	50.80	58.65	117.30	0.916 9
0.916 5	102.65	50.76	58.61	117.22	0.917 0
0.916 6	102.57	50.71	58.56	117.12	0.917 1
0.916 7	102.49	50.67	58.52	117.04	0.917 2
0.916 8	102.40	50.62	58.47	116.94	0.917 3
0.916 9	102.32	50.58	58.43	116.86	0.917 4
0.917 0	102.24	50.53	58.38	116.76	0.917 5

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.917 1	102.16	50.49	58.33	116.66	0.917 6
0.917 2	102.08	50.44	58.29	116.58	0.917 7
0.917 3	102.00	50.40	58.24	116.48	0.917 8
0.917 4	101.92	50.35	58.20	116.40	0.917 9
0.917 5	101.84	50.31	58.15	116.30	0.918 0
0.917 6	101.76	50.26	58.10	116.20	0.918 1
0.917 7	101.68	50.22	58.06	116.12	0.918 2
0.917 8	101.59	50.17	58.01	116.02	0.918 3
0.917 9	101.51	50.13	57.97	115.94	0.918 4
0.918 0	101.43	50.08	57.92	115.84	0.918 5
0.918 1	101.35	50.03	57.87	115.74	0.918 6
0.918 2	101.27	49.99	57.81	115.66	0.918 7
0.918 3	101.19	49.94	57.78	115.56	0.918 8
0.918 4	101.11	49.90	57.74	115.48	0.918 9
0.918 5	101.03	49.85	57.69	115.38	0.919 0
0.918 6	100.95	49.80	57.64	115.28	0.919 1
0.918 7	100.87	49.76	57.59	115.18	0.919 2
0.918 8	100.78	49.71	57.55	115.10	0.919 3
0.918 9	100.70	49.67	57.50	115.00	0.919 4
0.919 0	100.62	49.62	57.45	114.90	0.919 5
0.919 1	100.54	49.57	57.40	114.80	0.919 6
0.919 2	100.46	49.53	57.36	114.72	0.919 7
0.919 3	100.37	49.48	57.31	114.62	0.919 8
0.919 4	100.29	49.44	57.27	114.54	0.919 9
0.919 5	100.21	49.39	57.22	114.44	0.920 0
0.919 6	100.13	49.35	57.17	114.34	0.920 1
0.919 7	100.05	49.30	57.13	114.26	0.920 2
0.919 8	99.96	49.26	57.08	114.16	0.920 3
0.919 9	99.88	49.21	57.04	114.08	0.920 4
0.920 0	99.80	49.17	56.99	113.98	0.920 5
0.920 1	99.72	49.12	56.94	113.88	0.920 6
0.920 2	99.64	49.08	56.90	113.80	0.920 7

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT—Contd**

SPECIFIC GRAVITY IN AIR AT 15.6°/ 15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/ 15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.920 3	99.55	49.03	56.85	113.70	0.920 8
0.920 4	99.47	48.99	56.81	113.62	0.920 9
0.920 5	99.39	48.94	56.76	113.52	0.921 0
0.920 6	99.31	48.89	56.71	113.42	0.921 1
0.920 7	99.23	48.85	56.66	113.32	0.921 2
0.920 8	99.14	48.80	56.62	113.24	0.921 3
0.920 9	99.06	48.76	56.57	113.14	0.921 3
0.921 0	98.98	48.71	56.52	113.04	0.921 4
0.921 1	98.90	48.66	56.47	112.94	0.921 5
0.921 2	98.82	48.62	56.43	112.86	0.921 6
0.921 3	98.73	48.57	56.38	112.76	0.921 7
0.921 4	98.65	48.53	56.34	112.68	0.921 8
0.921 5	98.57	48.48	56.29	112.58	0.921 9
0.921 6	98.49	48.43	56.24	112.48	0.922 0
0.921 7	98.41	48.39	56.19	112.38	0.922 1
0.921 8	98.32	48.34	56.15	112.30	0.922 2
0.921 9	98.24	48.30	56.10	112.20	0.922 3
0.922 0	98.16	48.25	56.05	112.10	0.922 4
0.922 1	98.08	48.20	56.00	112.00	0.922 5
0.922 2	97.99	48.16	55.95	111.90	0.922 6
0.922 3	97.91	48.11	55.91	111.82	0.922 7
0.922 4	97.82	48.07	55.86	111.72	0.922 8
0.922 5	97.74	48.02	55.81	111.62	0.922 9
0.922 6	97.66	47.97	55.76	111.52	0.923 0
0.922 7	97.58	47.93	55.71	111.42	0.923 1
0.922 8	97.49	47.88	55.67	111.34	0.923 2
0.922 9	97.41	47.84	55.62	111.24	0.923 3
0.923 0	97.33	47.79	55.57	111.14	0.923 4
0.923 1	97.25	47.74	55.52	111.04	0.923 5
0.923 2	97.16	47.70	55.47	110.94	0.923 6
0.923 3	97.08	47.65	55.43	110.86	0.923 7
0.923 4	96.99	47.61	55.38	110.76	0.923 8
0.923 5	96.91	47.56	55.33	110.66	0.923 9

(Continued)



**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.923 6	96.83	47.51	55.28	110.56	0.924 0
0.923 7	96.74	47.47	55.24	110.48	0.924 1
0.923 8	96.66	47.42	55.19	110.38	0.924 2
0.923 9	96.57	47.38	55.15	110.30	0.924 3
0.924 0	96.49	47.33	55.10	110.20	0.924 4
0.924 1	96.40	47.28	55.05	110.10	0.924 5
0.924 2	96.32	47.24	55.00	110.00	0.924 6
0.924 3	96.23	47.19	54.96	109.92	0.924 7
0.924 4	96.15	47.15	54.91	109.82	0.924 8
0.924 5	96.06	47.10	54.86	109.72	0.924 9
0.924 6	95.98	47.05	54.81	109.62	0.925 0
0.924 7	95.89	47.01	54.76	109.52	0.925 1
0.924 8	95.81	46.96	54.72	109.44	0.925 2
0.924 9	95.72	46.92	54.67	109.34	0.925 3
0.925 0	95.64	46.87	54.62	109.24	0.925 4
0.925 1	95.56	46.82	54.57	109.14	0.925 6
0.925 2	95.47	46.78	54.52	109.04	0.925 7
0.925 3	95.39	46.73	54.48	108.96	0.925 8
0.925 4	95.30	46.69	54.43	108.86	0.925 9
0.925 5	95.22	46.64	54.38	108.76	0.926 0
0.925 6	95.14	46.59	54.33	108.66	0.926 1
0.925 7	95.05	46.54	54.28	108.56	0.926 2
0.925 8	94.97	46.50	54.24	108.48	0.926 3
0.925 9	94.88	46.45	54.19	108.38	0.926 4
0.926 0	94.80	46.40	54.14	108.28	0.926 5
0.926 1	94.72	46.35	54.09	108.18	0.926 6
0.926 2	94.63	46.31	54.04	108.08	0.926 7
0.926 3	94.55	46.26	54.00	108.00	0.926 8
0.926 4	94.46	46.22	53.95	107.90	0.926 9
0.926 5	94.38	46.17	53.90	107.80	0.927 0
0.926 6	94.29	46.12	53.85	107.70	0.927 1
0.926 7	94.21	46.08	53.80	107.60	0.927 2

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.926 8	94.12	46.03	53.75	107.50	0.927 3
0.926 9	94.04	45.99	53.70	107.40	0.927 4
0.927 0	93.95	45.94	53.65	107.30	0.927 5
0.927 1	93.86	45.89	53.60	107.20	0.927 6
0.927 2	93.78	45.85	53.55	107.10	0.927 7
0.927 3	93.69	45.80	53.51	107.02	0.927 8
0.927 4	93.61	45.76	53.46	106.92	0.927 9
0.927 5	93.52	45.71	53.41	106.82	0.928 0
0.927 6	93.43	45.66	53.36	106.72	0.928 1
0.927 7	93.35	45.61	53.31	106.62	0.928 2
0.927 8	93.26	45.57	53.26	106.52	0.928 3
0.927 9	93.18	45.52	53.21	106.42	0.928 4
0.928 0	93.09	45.47	53.16	106.32	0.928 5
0.928 1	93.00	45.42	53.11	106.22	0.928 6
0.928 2	92.92	45.38	53.06	106.12	0.928 7
0.928 3	92.83	45.33	53.02	106.04	0.928 8
0.928 4	92.75	45.29	52.97	105.94	0.928 9
0.928 5	92.66	45.24	52.92	105.84	0.929 0
0.928 6	92.57	45.19	52.87	105.74	0.929 1
0.928 7	92.49	45.14	52.82	105.64	0.929 2
0.928 8	92.40	45.10	52.77	105.54	0.929 3
0.928 9	92.32	45.05	52.72	105.44	0.929 4
0.929 0	92.23	45.00	52.67	105.34	0.929 5
0.929 1	92.14	44.95	52.62	105.24	0.929 6
0.929 2	92.06	44.91	52.57	105.14	0.929 7
0.929 3	91.97	44.86	52.53	105.06	0.929 8
0.929 4	91.89	44.82	52.48	104.96	0.929 9
0.929 5	91.80	44.77	52.43	104.86	0.930 0
0.929 6	91.71	44.72	52.38	104.76	0.930 1
0.929 7	91.62	44.67	52.33	104.66	0.930 2
0.929 8	91.54	44.63	52.28	104.56	0.930 3
0.929 9	91.45	44.58	52.23	104.46	0.930 4
0.930 0	91.36	44.53	52.18	104.36	0.930 5

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.930 1	91.27	44.48	52.13	104.26	0.930 6
0.930 2	91.19	44.44	52.08	104.16	0.930 7
0.930 3	91.10	44.39	52.03	104.06	0.930 8
0.930 4	91.02	44.35	51.98	103.96	0.930 9
0.930 5	90.93	44.30	51.93	103.86	0.931 0
0.930 6	90.84	44.25	51.88	103.76	0.931 1
0.930 7	90.76	44.21	51.83	103.66	0.931 2
0.930 8	90.67	44.16	51.78	103.56	0.931 3
0.930 9	90.59	44.12	51.73	103.46	0.931 4
0.931 0	90.50	44.07	51.68	103.36	0.931 5
0.931 1	90.41	44.02	51.63	103.26	0.931 6
0.931 2	90.32	43.97	51.58	103.16	0.931 7
0.931 3	90.24	43.93	51.53	103.06	0.931 8
0.931 4	90.15	43.88	51.48	102.96	0.931 9
0.931 5	90.06	43.83	51.43	102.86	0.932 0
0.931 6	89.97	43.78	51.38	102.76	0.932 1
0.931 7	89.88	43.73	51.33	102.66	0.932 2
0.931 8	89.79	43.69	51.28	102.56	0.932 3
0.931 9	89.70	43.64	51.23	102.46	0.932 4
0.932 0	89.61	43.59	51.18	102.36	0.932 5
0.932 1	89.52	43.54	51.13	102.26	0.932 6
0.932 2	89.43	43.49	51.08	102.16	0.932 7
0.932 3	89.35	43.45	51.03	102.06	0.932 8
0.932 4	89.26	43.40	50.98	101.96	0.932 9
0.932 5	89.17	43.35	50.93	101.86	0.933 0
0.932 6	89.08	43.30	50.88	101.76	0.933 1
0.932 7	88.99	43.25	50.83	101.66	0.933 2
0.932 8	88.90	43.21	50.77	101.54	0.933 3
0.932 9	88.81	43.16	50.72	101.44	0.933 4
0.933 0	88.72	43.11	50.67	101.34	0.933 5
0.933 1	88.63	43.06	50.62	101.24	0.933 6
0.933 2	88.54	43.01	50.57	101.14	0.933 7

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT —Contd**

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.933 3	88.44	42.97	50.51	101.02	0.933 8
0.933 4	88.35	42.92	50.46	100.92	0.933 9
0.933 5	88.26	42.87	50.41	100.82	0.934 0
0.933 6	88.17	42.82	50.36	100.72	0.934 1
0.933 7	88.08	42.77	50.31	100.62	0.934 2
0.933 8	87.99	42.72	50.25	100.50	0.934 3
0.933 9	87.90	42.67	50.20	100.40	0.934 4
0.934 0	87.81	42.62	50.15	100.30	0.934 5
0.934 1	87.72	42.57	50.10	100.20	0.934 6
0.934 2	87.63	42.52	50.05	100.10	0.934 7
0.934 3	87.53	42.48	49.99	99.98	0.934 8
0.934 4	87.44	42.43	49.94	99.88	0.934 9
0.934 5	87.35	42.38	49.89	99.78	0.935 0
0.934 6	87.26	42.33	49.84	99.68	0.935 1
0.934 7	87.17	42.28	49.79	99.58	0.935 2
0.934 8	87.07	42.23	49.73	99.46	0.935 3
0.934 9	86.98	42.18	49.68	99.36	0.935 4
0.935 0	86.89	42.13	49.63	99.26	0.935 5
0.935 1	86.80	42.08	49.58	99.16	0.935 6
0.935 2	86.71	42.03	49.53	99.06	0.935 7
0.935 3	86.61	41.99	49.47	98.94	0.935 8
0.935 4	86.52	41.94	49.42	98.84	0.935 9
0.935 5	86.43	41.89	49.37	98.74	0.936 0
0.935 6	86.34	41.84	49.32	98.64	0.936 1
0.935 7	86.25	41.79	49.26	98.52	0.936 2
0.935 8	86.15	41.74	49.21	98.42	0.936 3
0.935 9	86.06	41.69	49.15	98.30	0.936 4
0.936 0	85.97	41.64	49.10	98.20	0.936 5
0.936 1	85.88	41.59	49.05	98.10	0.936 6
0.936 2	85.78	41.54	49.00	98.00	0.936 7
0.936 3	85.69	41.50	48.94	97.88	0.936 8
0.936 4	85.59	41.45	48.89	97.78	0.936 9
0.936 5	85.50	41.40	48.84	97.68	0.937 0

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.936 6	85.41	41.35	48.79	97.58	0.937 1
0.936 7	85.32	41.30	48.73	97.46	0.937 2
0.936 8	85.22	41.25	48.68	97.36	0.937 3
0.936 9	85.13	41.20	48.62	97.24	0.937 4
0.937 0	85.04	41.15	48.57	97.14	0.937 5
0.937 1	84.95	41.10	48.52	97.04	0.937 6
0.937 2	84.85	41.05	48.47	96.94	0.937 7
0.937 3	84.76	41.00	48.41	96.82	0.937 8
0.937 4	84.66	40.95	48.36	96.72	0.937 9
0.937 5	84.57	40.90	48.31	96.62	0.938 0
0.937 6	84.48	40.85	48.26	96.52	0.938 1
0.937 7	84.38	40.80	48.20	96.40	0.938 2
0.937 8	84.29	40.75	48.15	96.30	0.938 3
0.937 9	84.19	40.70	48.09	96.18	0.938 4
0.938 0	84.10	40.65	48.04	96.08	0.938 5
0.938 1	84.00	40.60	47.99	95.98	0.938 6
0.938 2	83.91	40.55	47.93	95.86	0.938 7
0.938 3	83.81	40.50	47.88	95.76	0.938 8
0.938 4	83.72	40.45	47.82	95.64	0.938 9
0.938 5	83.62	40.40	47.77	95.54	0.939 0
0.938 6	83.53	40.35	47.72	95.44	0.939 1
0.938 7	83.43	40.30	47.66	95.32	0.939 2
0.938 8	83.34	40.25	47.61	95.22	0.939 3
0.938 9	83.24	40.20	47.55	95.10	0.939 4
0.939 0	83.15	40.15	47.50	95.00	0.939 5
0.939 1	83.05	40.10	47.45	94.90	0.939 6
0.939 2	82.96	40.05	47.39	94.78	0.939 7
0.939 3	82.86	40.00	47.34	94.68	0.939 8
0.939 4	82.77	39.95	47.28	94.56	0.939 9
0.939 5	82.67	39.90	47.23	94.46	0.940 0
0.939 6	82.57	39.85	47.17	94.34	0.940 1
0.939 7	82.48	39.80	47.12	94.24	0.940 2

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15·6°/15·6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15·6°/15·6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15·6°/15·6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15·6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0·939 8	82·38	39·75	47·06	94·12	0·940 3
0·939 9	82·29	39·70	47·01	94·02	0·940 4
0·940 0	82·19	39·65	46·95	93·90	0·940 5
0·940 1	82·09	39·60	46·90	93·80	0·940 6
0·940 2	82·00	39·55	46·84	93·68	0·940 7
0·940 3	81·90	39·50	46·79	93·58	0·940 8
0·940 4	81·81	39·45	46·73	93·46	0·940 9
0·940 5	81·71	39·40	46·68	93·36	0·941 0
0·940 6	81·61	39·35	46·62	93·24	0·941 1
0·940 7	81·52	39·30	46·57	93·14	0·941 2
0·940 8	81·42	39·24	46·51	93·02	0·941 3
0·940 9	81·33	39·19	46·46	92·92	0·941 4
0·941 0	81·23	39·14	46·40	92·80	0·941 5
0·941 1	81·13	39·09	46·35	92·70	0·941 5
0·941 2	81·03	39·04	46·29	92·58	0·941 6
0·941 3	80·94	38·99	46·24	92·48	0·941 7
0·941 4	80·84	38·94	46·18	92·36	0·941 8
0·941 5	80·74	38·89	46·13	92·26	0·941 9
0·941 6	80·64	38·84	46·07	92·14	0·942 0
0·941 7	80·55	38·79	46·02	92·04	0·942 1
0·941 8	80·45	38·74	45·96	91·92	0·942 2
0·941 9	80·36	38·69	45·91	91·82	0·942 3
0·942 0	80·26	38·64	45·85	91·70	0·942 3
0·942 1	80·16	38·59	45·79	91·58	0·942 4
0·942 2	80·06	38·54	45·74	91·48	0·942 5
0·942 3	79·97	38·48	45·68	91·36	0·942 6
0·942 4	79·87	38·43	45·63	91·26	0·942 7
0·942 5	79·77	38·38	45·57	91·14	0·942 8
0·942 6	79·67	38·33	45·51	91·02	0·942 9
0·942 7	79·57	38·28	45·45	90·90	0·943 0
0·942 8	79·47	38·22	45·40	90·80	0·943 1
0·942 9	79·37	38·17	45·34	90·68	0·943 2
0·943 0	79·27	38·12	45·28	90·56	0·943 3

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.943 1	79.17	38.07	45.22	90.44	0.943 4
0.943 2	79.07	38.02	45.17	90.34	0.943 5
0.943 3	78.97	37.96	45.11	90.22	0.943 7
0.943 4	78.87	37.91	45.06	90.12	0.943 8
0.943 5	78.77	37.86	45.00	90.00	0.943 9
0.943 6	78.67	37.81	44.94	89.88	0.944 0
0.943 7	78.57	37.76	44.88	89.76	0.944 1
0.943 8	78.46	37.70	44.83	89.66	0.944 2
0.943 9	78.36	37.65	44.77	89.54	0.944 3
0.944 0	78.26	37.60	44.71	89.42	0.944 4
0.944 1	78.16	37.55	44.65	89.30	0.944 5
0.944 2	78.06	37.50	44.59	89.18	0.944 6
0.944 3	77.95	37.44	44.54	89.08	0.944 7
0.944 4	77.85	37.39	44.48	88.96	0.944 8
0.944 5	77.75	37.34	44.42	88.84	0.944 9
0.944 6	77.65	37.29	44.36	88.72	0.945 0
0.944 7	77.55	37.23	44.30	88.60	0.945 1
0.944 8	77.44	37.18	44.25	88.50	0.945 2
0.944 9	77.34	37.12	44.19	88.38	0.945 3
0.945 0	77.24	37.07	44.13	88.26	0.945 4
0.945 1	77.14	37.02	44.07	88.14	0.945 4
0.945 2	77.04	36.97	44.01	88.02	0.945 5
0.945 3	76.93	36.91	43.96	87.92	0.945 6
0.945 4	76.83	36.86	43.90	87.80	0.945 7
0.945 5	76.73	36.81	43.84	87.68	0.945 8
0.945 6	76.63	36.76	43.78	87.56	0.945 9
0.945 7	76.52	36.70	43.72	87.44	0.946 0
0.945 8	76.42	36.65	43.66	87.32	0.946 1
0.945 9	76.31	36.59	43.60	87.20	0.946 2
0.946 0	76.21	36.54	43.54	87.08	0.946 3
0.946 1	76.11	36.49	43.48	86.96	0.946 4
0.946 2	76.00	36.43	43.42	86.84	0.946 5

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.946 3	75.90	36.38	43.37	86.74	0.946 6
0.946 4	75.79	36.32	43.31	86.62	0.946 7
0.946 5	75.69	36.27	43.25	86.50	0.946 8
0.946 6	75.59	36.22	43.19	86.38	0.946 9
0.946 7	75.48	36.16	43.13	86.26	0.947 0
0.946 8	75.38	36.11	43.07	86.14	0.947 1
0.946 9	75.27	36.05	43.01	86.02	0.947 2
0.947 0	75.17	36.00	42.95	85.90	0.947 3
0.947 1	75.06	35.95	42.89	85.78	0.947 4
0.947 2	74.96	35.89	42.83	85.66	0.947 5
0.947 3	74.85	35.84	42.77	85.54	0.947 6
0.947 4	74.75	35.78	42.71	85.42	0.947 7
0.947 5	74.64	35.73	42.65	85.30	0.947 8
0.947 6	74.54	35.68	42.59	85.18	0.947 9
0.947 7	74.43	35.62	42.53	85.06	0.948 0
0.947 8	74.33	35.57	42.47	84.94	0.948 1
0.947 9	74.22	35.51	42.41	84.82	0.948 2
0.948 0	74.12	35.46	42.35	84.70	0.948 3
0.948 1	74.01	35.41	42.29	84.58	0.948 4
0.948 2	73.91	35.35	42.23	84.46	0.948 5
0.948 3	73.80	35.30	42.17	84.34	0.948 6
0.948 4	73.70	35.24	42.11	84.22	0.948 7
0.948 5	73.59	35.19	42.05	84.10	0.948 8
0.948 6	73.48	35.14	41.99	83.98	0.948 9
0.948 7	73.38	35.08	41.93	83.86	0.949 0
0.948 8	73.27	35.03	41.87	83.74	0.949 1
0.948 9	73.17	34.97	41.81	83.62	0.949 2
0.949 0	73.06	34.92	41.75	83.50	0.949 3
0.949 1	72.95	34.87	41.69	83.38	0.949 4
0.949 2	72.84	34.81	41.63	83.26	0.949 5
0.949 3	72.74	34.76	41.56	83.12	0.949 6
0.949 4	72.63	34.70	41.50	83.00	0.949 7
0.949 5	72.52	34.65	41.44	82.88	0.949 8

(Continued)



**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.949 6	72.41	34.59	41.38	82.76	0.949 9
0.949 7	72.30	34.54	41.32	82.64	0.950 0
0.949 8	72.20	34.48	41.25	82.50	0.950 1
0.949 9	72.09	34.43	41.19	82.38	0.950 2
0.950 0	71.98	34.37	41.13	82.26	0.950 3
0.950 1	71.87	34.31	41.07	82.14	0.950 4
0.950 2	71.76	34.26	41.01	82.02	0.950 5
0.950 3	71.65	34.20	40.94	81.88	0.950 6
0.950 4	71.54	34.15	40.88	81.76	0.950 7
0.950 5	71.43	34.09	40.82	81.64	0.950 8
0.950 6	71.32	34.03	40.76	81.52	0.950 9
0.950 7	71.21	33.98	40.69	81.38	0.951 0
0.950 8	71.09	33.92	40.63	81.26	0.951 1
0.950 9	70.98	33.87	40.56	81.12	0.951 2
0.951 0	70.87	33.81	40.50	81.00	0.951 3
0.951 1	70.76	33.75	40.44	80.88	0.951 4
0.951 2	70.65	33.70	40.38	80.76	0.951 5
0.951 3	70.54	33.64	40.31	80.62	0.951 6
0.951 4	70.43	33.59	40.25	80.50	0.951 7
0.951 5	70.32	33.53	40.19	80.38	0.951 8
0.951 6	70.21	33.47	40.13	80.26	0.951 9
0.951 7	70.10	33.42	40.06	80.12	0.952 0
0.951 8	69.98	33.36	40.00	80.00	0.952 1
0.951 9	69.87	33.31	39.93	79.86	0.952 2
0.952 0	69.76	33.25	39.87	79.74	0.952 3
0.952 1	69.65	33.19	39.81	79.62	0.952 4
0.952 2	69.54	33.14	39.74	79.48	0.952 5
0.952 3	69.42	33.08	39.68	79.36	0.952 6
0.952 4	69.31	33.03	39.61	79.22	0.952 7
0.952 5	69.20	32.97	39.55	79.10	0.952 8
0.952 6	69.09	32.91	39.49	78.98	0.952 9
0.952 7	68.97	32.85	39.42	78.84	0.953 0

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15·6°/15·6 C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15·C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15·6°/15·6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15·6°/15·6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15·6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0·952 8	68·86	32·80	39·36	78·72	0·953 1
0·952 9	68·74	32·74	39·29	78·58	0·953 2
0·953 0	68·63	32·68	39·23	78·46	0·953 3
0·953 1	68·52	32·62	39·16	78·32	0·953 4
0·953 2	68·40	32·56	39·10	78·20	0·953 5
0·953 3	68·29	32·51	39·03	78·06	0·953 6
0·953 4	68·17	32·45	38·97	77·94	0·953 7
0·953 5	68·06	32·39	38·90	77·80	0·953 8
0·953 6	67·94	32·33	38·83	77·66	0·953 9
0·953 7	67·83	32·27	38·77	77·54	0·954 0
0·953 8	67·71	32·21	38·70	77·40	0·954 1
0·953 9	67·60	32·15	38·64	77·28	0·954 2
0·954 0	67·48	32·09	38·57	77·14	0·954 3
0·954 1	67·36	32·03	38·50	77·00	0·954 4
0·954 2	67·24	31·97	38·43	76·86	0·954 5
0·954 3	67·13	31·92	38·37	76·74	0·954 6
0·954 4	67·01	31·86	38·30	76·60	0·954 7
0·954 5	66·89	31·80	38·23	76·46	0·954 8
0·954 6	66·77	31·74	38·16	76·32	0·954 9
0·954 7	66·65	31·68	38·09	76·18	0·955 0
0·954 8	66·54	31·62	38·03	76·06	0·955 1
0·954 9	66·42	31·56	37·96	75·92	0·955 2
0·955 0	66·30	31·50	37·89	75·78	0·955 3
0·955 1	66·18	31·44	37·82	75·64	0·955 4
0·955 2	66·06	31·38	37·75	75·50	0·955 5
0·955 3	65·94	31·32	37·69	75·38	0·955 6
0·955 4	65·82	31·26	37·62	75·24	0·955 7
0·955 5	65·70	31·20	37·55	75·10	0·955 8
0·955 6	65·68	31·14	37·48	74·96	0·955 9
0·955 7	65·46	31·08	37·41	74·82	0·956 0
0·955 8	65·33	31·02	37·34	74·68	0·956 1
0·955 9	65·21	30·96	37·27	74·54	0·956 2
0·956 0	65·09	30·90	37·20	74·40	0·956 3

(Continued)

TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd*

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.956 1	64.97	30.84	37.13	74.26	0.956 4
0.956 2	64.85	30.78	37.06	74.12	0.956 5
0.956 3	64.72	30.71	36.99	73.98	0.956 6
0.956 4	64.60	30.65	36.92	73.84	0.956 7
0.956 5	64.48	30.59	36.85	73.70	0.956 8
0.956 6	64.36	30.53	36.78	73.56	0.956 9
0.956 7	64.23	30.47	36.71	73.42	0.957 0
0.956 8	64.11	30.40	36.64	73.28	0.957 1
0.956 9	63.98	30.34	36.57	73.14	0.957 2
0.957 0	63.86	30.28	36.50	73.00	0.957 3
0.957 1	63.73	30.22	36.43	72.86	0.957 4
0.957 2	63.61	30.16	36.36	72.72	0.957 5
0.957 3	63.48	30.09	36.29	72.58	0.957 6
0.957 4	63.36	30.03	36.22	72.44	0.957 7
0.957 5	63.23	29.97	36.15	72.30	0.957 8
0.957 6	63.10	29.91	36.08	72.16	0.957 9
0.957 7	62.98	29.85	36.01	72.02	0.958 0
0.957 8	62.85	29.78	35.93	71.86	0.958 1
0.957 9	62.73	29.72	35.86	71.72	0.958 2
0.958 0	62.60	29.66	35.79	71.58	0.958 3
0.958 1	62.47	29.60	35.72	71.44	0.958 4
0.958 2	62.35	29.54	35.65	71.30	0.958 5
0.958 3	62.22	29.47	35.57	71.14	0.958 6
0.958 4	62.10	29.41	35.50	71.00	0.958 7
0.958 5	61.97	29.35	35.43	70.86	0.958 8
0.958 6	61.84	29.29	35.36	70.72	0.958 9
0.958 7	61.71	29.22	35.29	70.58	0.959 0
0.958 8	61.59	29.16	35.21	70.42	0.959 1
0.958 9	61.46	29.09	35.14	70.28	0.959 2
0.959 0	61.33	29.03	35.07	70.14	0.959 3
0.959 1	61.20	28.97	35.00	70.00	0.959 4
0.959 2	61.07	28.90	34.92	69.84	0.959 5

(Continued)

TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd*

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.959 3	60.94	28.84	34.85	69.70	0.959 6
0.959 4	60.81	28.77	34.77	69.54	0.959 7
0.959 5	60.68	28.71	34.70	69.40	0.959 8
0.959 6	60.55	28.65	34.63	69.26	0.959 9
0.959 7	60.42	28.58	34.55	69.10	0.960 0
0.959 8	60.29	28.52	34.48	68.96	0.960 1
0.959 9	60.16	28.45	34.40	68.80	0.960 2
0.960 0	60.03	28.39	34.33	68.66	0.960 3
0.960 1	59.90	28.32	34.25	68.50	0.960 4
0.960 2	59.77	28.26	34.18	68.36	0.960 5
0.960 3	59.63	28.19	34.10	68.20	0.960 6
0.960 4	59.50	28.13	34.03	68.06	0.960 7
0.960 5	59.37	28.06	33.95	67.90	0.960 8
0.960 6	59.24	27.99	33.87	67.74	0.960 8
0.960 7	59.10	27.93	33.80	67.60	0.960 9
0.960 8	58.97	27.86	33.72	67.44	0.961 0
0.960 9	58.83	27.80	33.65	67.30	0.961 1
0.961 0	58.70	27.73	33.57	67.14	0.961 2
0.961 1	58.56	27.66	33.49	66.98	0.961 3
0.961 2	58.43	27.60	33.41	66.82	0.961 4
0.961 3	58.29	27.53	33.34	66.68	0.961 5
0.961 4	58.16	27.47	33.26	66.52	0.961 6
0.961 5	58.02	27.40	33.18	66.36	0.961 7
0.961 6	57.88	27.33	33.10	66.20	0.961 8
0.961 7	57.74	27.26	33.02	66.04	0.961 9
0.961 8	57.61	27.20	32.95	65.90	0.962 0
0.961 9	57.47	27.13	32.87	65.74	0.962 1
0.962 0	57.33	27.06	32.79	65.68	0.962 2
0.962 1	57.19	26.99	32.71	65.42	0.962 3
0.962 2	57.05	26.92	32.63	65.26	0.962 4
0.962 3	56.92	26.86	32.56	65.12	0.962 5
0.962 4	56.78	26.79	32.48	64.96	0.962 6
0.962 5	56.64	26.72	32.40	64.80	0.962 7

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.962 6	56.50	26.65	32.32	64.64	0.962 8
0.962 7	56.36	26.58	32.24	64.48	0.962 9
0.962 8	56.22	26.51	32.16	64.32	0.963 0
0.962 9	56.08	26.44	32.08	64.16	0.963 1
0.963 0	55.94	26.37	32.00	64.00	0.963 2
0.963 1	55.80	26.30	31.92	63.84	0.963 3
0.963 2	55.66	26.23	31.84	63.68	0.963 4
0.963 3	55.51	26.17	31.75	63.50	0.963 5
0.963 4	55.37	26.10	31.67	63.34	0.963 6
0.963 5	55.23	26.03	31.59	63.18	0.963 7
0.963 6	55.09	25.96	31.51	63.02	0.963 8
0.963 7	54.94	25.89	31.43	62.86	0.963 9
0.963 8	54.80	25.82	31.34	62.68	0.964 0
0.963 9	54.65	25.75	31.26	62.52	0.964 1
0.964 0	54.51	25.68	31.18	62.36	0.964 2
0.964 1	54.36	25.61	31.10	62.20	0.964 3
0.964 2	54.22	25.54	31.01	62.02	0.964 4
0.964 3	54.07	25.46	30.93	61.86	0.964 5
0.964 4	53.93	25.39	30.84	61.68	0.964 6
0.964 5	53.78	25.32	30.76	61.52	0.964 7
0.964 6	53.63	25.25	30.68	61.36	0.964 8
0.964 7	53.48	25.18	30.59	61.18	0.964 9
0.964 8	53.34	25.10	30.51	61.02	0.965 0
0.964 9	53.19	25.03	30.42	60.84	0.965 1
0.965 0	53.04	24.96	30.34	60.68	0.965 2
0.965 1	52.89	24.89	30.25	60.50	0.965 3
0.965 2	52.74	24.82	30.17	60.34	0.965 4
0.965 3	52.59	24.74	30.08	60.16	0.965 5
0.965 4	52.44	24.67	30.00	60.00	0.965 6
0.965 5	52.29	24.60	29.91	59.82	0.965 7
0.965 6	52.14	24.53	29.82	59.64	0.965 8
0.965 7	51.99	24.45	29.74	59.48	0.965 9

( Continued )

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.965 8	51.83	24.38	29.65	59.30	0.966 0
0.965 9	51.68	24.30	29.57	59.14	0.966 1
0.966 0	51.53	24.23	29.48	58.96	0.966 2
0.966 1	51.37	24.15	29.39	58.78	0.966 3
0.966 2	51.22	24.08	29.30	58.60	0.966 4
0.966 3	51.06	24.00	29.22	58.44	0.966 5
0.966 4	50.91	23.93	29.13	58.26	0.966 6
0.966 5	50.75	23.85	29.04	58.08	0.966 7
0.966 6	50.59	23.77	28.95	57.90	0.966 8
0.966 7	50.44	23.70	28.86	57.72	0.966 9
0.966 8	50.28	23.62	28.78	57.56	0.967 0
0.966 9	50.13	23.55	28.69	57.38	0.967 1
0.967 0	49.97	23.47	28.60	57.20	0.967 2
0.967 1	49.81	23.39	28.51	57.02	0.967 3
0.967 2	49.65	23.32	28.42	56.84	0.967 4
0.967 3	49.50	23.23	28.33	56.66	0.967 5
0.967 4	49.34	23.17	28.24	56.48	0.967 6
0.967 5	49.18	23.09	28.15	56.30	0.967 7
0.967 6	49.02	23.01	28.06	56.12	0.967 8
0.967 7	48.86	22.94	27.97	55.94	0.967 9
0.967 8	48.70	22.86	27.87	55.74	0.968 0
0.967 9	48.54	22.79	27.78	55.56	0.968 1
0.968 0	48.38	22.71	27.69	55.38	0.968 2
0.968 1	48.22	22.63	27.60	55.20	0.968 3
0.968 2	48.06	22.55	27.51	55.02	0.968 4
0.968 3	47.90	22.48	27.41	54.82	0.968 5
0.968 4	47.74	22.40	27.32	54.64	0.968 6
0.968 5	47.58	22.32	27.23	54.46	0.968 7
0.968 6	47.42	22.24	27.14	54.28	0.968 8
0.968 7	47.26	22.16	27.05	54.10	0.968 9
0.968 8	47.09	22.09	26.95	53.90	0.969 0
0.968 9	46.93	22.01	26.86	53.72	0.969 1
0.969 0	46.77	21.93	26.77	53.54	0.969 2

(Continued)

TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd*

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.969 1	46.61	21.85	26.68	53.36	0.969 3
0.969 2	46.45	21.77	26.58	53.16	0.969 4
0.969 3	46.28	21.70	26.49	52.98	0.969 5
0.969 4	46.12	21.62	26.39	52.78	0.969 6
0.969 5	45.96	21.54	26.30	52.60	0.969 7
0.969 6	45.80	21.46	26.21	52.42	0.969 8
0.969 7	45.63	21.38	26.11	52.22	0.969 9
0.969 8	45.47	21.30	26.02	52.04	0.970 0
0.969 9	45.30	21.22	25.92	51.84	0.970 1
0.970 0	45.14	21.14	25.83	51.66	0.970 2
0.970 1	44.97	21.06	25.74	51.48	0.970 3
0.970 2	44.81	20.98	25.64	51.28	0.970 4
0.970 3	44.64	20.90	25.55	51.10	0.970 5
0.970 4	44.48	20.82	25.45	50.90	0.970 6
0.970 5	44.31	20.74	25.36	50.72	0.970 7
0.970 6	44.14	20.66	25.26	50.52	0.970 8
0.970 7	43.97	20.58	25.17	50.34	0.970 9
0.970 8	43.81	20.50	25.07	50.14	0.971 0
0.970 9	43.64	20.42	24.98	49.96	0.971 1
0.971 0	43.47	20.34	24.88	49.76	0.971 2
0.971 1	43.30	20.26	24.78	49.56	0.971 3
0.971 2	43.13	20.18	24.69	49.38	0.971 4
0.971 3	42.96	20.10	24.59	49.18	0.971 5
0.971 4	42.79	20.02	24.50	49.00	0.971 6
0.971 5	42.62	19.94	24.40	48.80	0.971 7
0.971 6	42.45	19.86	24.30	48.60	0.971 8
0.971 7	42.28	19.78	24.20	48.40	0.971 9
0.971 8	42.11	19.69	24.11	48.22	0.972 0
0.971 9	41.94	19.61	24.01	48.02	0.972 1
0.972 0	41.77	19.53	23.91	47.82	0.972 2
0.972 1	41.60	19.45	23.81	47.62	0.972 3
0.972 2	41.43	19.37	23.72	47.44	0.972 4

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.972 3	41.26	19.29	23.62	47.24	0.972 5
0.972 4	41.09	19.21	23.53	47.06	0.972 6
0.972 5	40.92	19.13	23.43	46.86	0.972 7
0.972 6	40.75	19.05	23.33	46.66	0.972 8
0.972 7	40.58	18.97	23.23	46.46	0.972 9
0.972 8	40.41	18.88	23.14	46.28	0.973 0
0.972 9	40.24	18.80	23.04	46.08	0.973 1
0.973 0	40.07	18.72	22.94	45.88	0.973 2
0.973 1	39.90	18.64	22.84	45.68	0.973 3
0.973 2	39.73	18.56	22.74	45.48	0.973 4
0.973 3	39.55	18.47	22.65	45.30	0.973 5
0.973 4	39.38	18.39	22.55	45.10	0.973 6
0.973 5	39.21	18.31	22.45	44.90	0.973 7
0.973 6	39.04	18.23	22.35	44.70	0.973 8
0.973 7	38.87	18.15	22.25	44.50	0.973 9
0.973 8	38.69	18.06	22.16	44.32	0.974 0
0.973 9	38.52	17.98	22.06	44.12	0.974 1
0.974 0	38.35	17.90	21.96	43.92	0.974 2
0.974 1	38.18	17.82	21.86	43.72	0.974 3
0.974 2	38.01	17.74	21.76	43.52	0.974 4
0.974 3	37.83	17.65	21.67	43.34	0.974 5
0.974 4	37.66	17.57	21.57	43.14	0.974 6
0.974 5	37.49	17.49	21.47	42.94	0.974 7
0.974 6	37.32	17.41	21.37	42.74	0.974 8
0.974 7	37.14	17.32	21.27	42.54	0.974 9
0.974 8	36.97	17.24	21.17	42.34	0.975 0
0.974 9	36.79	17.15	21.07	42.14	0.975 1
0.975 0	36.62	17.07	20.97	41.94	0.975 2
0.975 1	36.44	16.99	20.87	41.74	0.975 3
0.975 2	36.27	16.91	20.77	41.54	0.975 3
0.975 3	36.09	16.82	20.68	41.36	0.975 4
0.975 4	35.92	16.74	20.58	41.16	0.975 5
0.975 5	35.74	16.66	20.48	40.96	0.975 6

(Continued)



**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.975 6	35.57	16.58	20.38	40.76	0.975 7
0.975 7	35.39	16.50	20.28	40.56	0.975 8
0.975 8	35.22	16.41	20.18	40.36	0.975 9
0.975 9	35.04	16.33	20.08	40.16	0.976 0
0.976 0	34.87	16.25	19.98	39.96	0.976 1
0.976 1	34.70	16.17	19.88	39.76	0.976 2
0.976 2	34.53	16.09	19.78	39.56	0.976 3
0.976 3	34.35	16.00	19.69	39.38	0.976 4
0.976 4	34.18	15.92	19.59	39.18	0.976 5
0.976 5	34.01	15.84	19.49	38.98	0.976 6
0.976 6	33.84	15.76	19.39	38.78	0.976 7
0.976 7	33.66	15.68	19.29	38.58	0.976 8
0.976 8	33.49	15.59	19.19	38.38	0.976 9
0.976 9	33.31	15.51	19.09	38.18	0.977 0
0.977 0	33.14	15.43	18.99	37.98	0.977 1
0.977 1	32.97	15.35	18.89	37.78	0.977 2
0.977 2	32.80	15.27	18.79	37.58	0.977 3
0.977 3	32.62	15.18	18.70	37.40	0.977 4
0.977 4	32.45	15.10	18.60	37.20	0.977 5
0.977 5	32.23	15.02	18.50	37.00	0.977 6
0.977 6	32.11	14.94	18.40	36.80	0.977 7
0.977 7	31.94	14.86	18.30	36.60	0.977 8
0.977 8	31.76	14.77	18.20	36.40	0.977 9
0.977 9	31.59	14.69	18.10	36.20	0.978 0
0.978 0	31.42	14.61	18.00	36.00	0.978 1
0.978 1	31.25	14.53	17.90	35.80	0.978 2
0.978 2	31.08	14.45	17.80	35.60	0.978 3
0.978 3	30.90	14.37	17.71	35.42	0.978 4
0.978 4	30.73	14.29	17.61	35.22	0.978 5
0.978 5	30.56	14.21	17.51	35.02	0.978 6
0.978 6	30.39	14.13	17.41	34.82	0.978 7
0.978 7	30.22	14.05	17.31	34.62	0.978 8

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.978 8	30.04	13.96	17.21	34.42	0.978 9
0.978 9	29.87	13.88	17.11	34.22	0.978 9
0.979 0	29.70	13.80	17.01	34.02	0.979 0
0.979 1	29.53	13.72	16.91	33.82	0.979 1
0.979 2	29.36	13.64	16.81	33.62	0.979 2
0.979 3	29.18	13.56	16.72	33.44	0.979 3
0.979 4	29.01	13.48	16.62	33.24	0.979 4
0.979 5	28.84	13.40	16.52	33.04	0.979 5
0.979 6	28.67	13.32	16.42	32.84	0.979 6
0.979 7	28.50	13.24	16.33	32.66	0.979 7
0.979 8	28.33	13.15	16.23	32.46	0.979 8
0.979 9	28.16	13.07	16.14	32.28	0.979 9
0.980 0	27.99	12.99	16.04	32.08	0.980 0
0.980 1	27.82	12.91	15.94	31.88	0.980 1
0.980 2	27.65	12.83	15.85	31.70	0.980 2
0.980 3	27.49	12.75	15.75	31.50	0.980 3
0.980 4	27.32	12.67	15.66	31.32	0.980 4
0.980 5	27.15	12.59	15.56	31.12	0.980 5
0.980 6	26.98	12.51	15.46	30.92	0.980 6
0.980 7	26.82	12.43	15.37	30.74	0.980 7
0.980 8	26.65	12.36	15.27	30.54	0.980 8
0.980 9	26.49	12.28	15.18	30.36	0.980 9
0.981 0	26.32	12.20	15.08	30.16	0.981 0
0.981 1	26.15	12.12	14.98	29.96	0.981 1
0.981 2	25.99	12.04	14.89	29.78	0.981 2
0.981 3	25.82	11.97	14.79	29.58	0.981 3
0.981 4	25.66	11.89	14.70	29.40	0.981 4
0.981 5	25.49	11.81	14.60	29.20	0.981 5
0.981 6	25.32	11.73	14.51	29.02	0.981 6
0.981 7	25.16	11.65	14.41	28.82	0.981 7
0.981 8	24.99	11.58	14.32	28.64	0.981 8
0.981 9	24.83	11.50	14.22	28.44	0.981 9
0.982 0	24.66	11.42	14.13	28.26	0.982 0

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.982 1	24.50	11.34	14.04	28.08	0.982 1
0.982 2	24.33	11.27	13.94	27.88	0.982 2
0.982 3	24.17	11.19	13.85	27.70	0.982 3
0.982 4	24.00	11.12	13.75	27.50	0.982 4
0.982 5	23.84	11.04	13.66	27.32	0.982 5
0.982 6	23.68	10.96	13.57	27.14	0.982 6
0.982 7	23.52	10.89	13.48	26.96	0.982 7
0.982 8	23.35	10.81	13.38	26.76	0.982 8
0.982 9	23.19	10.74	13.29	26.58	0.982 9
0.983 0	23.03	10.66	13.20	26.40	0.983 0
0.983 1	22.87	10.58	13.11	26.22	0.983 1
0.983 2	22.71	10.51	13.02	26.04	0.983 2
0.983 3	22.55	10.43	12.92	25.84	0.983 3
0.983 4	22.39	10.36	12.83	25.66	0.983 4
0.983 5	22.23	10.28	12.74	25.48	0.983 5
0.983 6	22.07	10.21	12.65	25.30	0.983 6
0.983 7	21.91	10.13	12.56	25.12	0.983 7
0.983 8	21.76	10.06	12.47	24.94	0.983 8
0.983 9	21.60	9.98	12.38	24.76	0.983 9
0.984 0	21.44	9.91	12.29	24.58	0.984 0
0.984 1	21.28	9.84	12.20	24.40	0.984 1
0.984 2	21.12	9.76	12.11	24.22	0.984 2
0.984 3	20.97	9.69	12.02	24.04	0.984 3
0.984 4	20.81	9.61	11.93	23.86	0.984 4
0.984 5	20.65	9.54	11.84	23.68	0.984 5
0.984 6	20.49	9.47	11.75	23.50	0.984 6
0.984 7	20.34	9.40	11.66	23.32	0.984 7
0.984 8	20.18	9.32	11.58	23.16	0.984 8
0.984 9	20.03	9.25	11.49	22.98	0.984 9
0.985 0	19.87	9.18	11.40	22.80	0.985 0
0.985 1	19.72	9.11	11.31	22.62	0.985 2
0.985 2	19.56	9.04	11.22	22.44	0.985 3

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.985 3	19.41	8.96	11.13	22.26	0.985 4
0.985 4	19.25	8.89	11.04	22.08	0.985 5
0.985 5	19.10	8.82	10.95	21.90	0.985 6
0.985 6	18.95	8.75	10.86	21.72	0.985 7
0.985 7	18.80	8.68	10.77	21.54	0.985 8
0.985 8	18.64	8.60	10.69	21.38	0.985 9
0.985 9	18.49	8.53	10.60	21.20	0.986 0
0.986 0	18.34	8.46	10.51	21.02	0.986 1
0.986 1	18.19	8.39	10.42	20.84	0.986 2
0.986 2	18.04	8.32	10.34	20.68	0.986 3
0.986 3	17.89	8.25	10.25	20.50	0.986 4
0.986 4	17.74	8.18	10.17	20.34	0.986 5
0.986 5	17.59	8.11	10.08	20.16	0.986 6
0.986 6	17.44	8.04	9.99	19.98	0.986 7
0.986 7	17.29	7.97	9.91	19.82	0.986 8
0.986 8	17.15	7.90	9.82	19.64	0.986 9
0.986 9	17.00	7.83	9.74	19.48	0.987 0
0.987 0	16.85	7.76	9.65	19.30	0.987 0
0.987 1	16.70	7.69	9.56	19.12	0.987 1
0.987 2	16.55	7.62	9.48	18.96	0.987 2
0.987 3	16.41	7.56	9.39	18.78	0.987 3
0.987 4	16.26	7.49	9.31	18.62	0.987 4
0.987 5	16.11	7.42	9.22	18.44	0.987 5
0.987 6	15.96	7.35	9.14	18.28	0.987 6
0.987 7	15.82	7.28	9.05	18.10	0.987 7
0.987 8	15.67	7.22	8.97	17.94	0.987 8
0.987 9	15.53	7.15	8.88	17.76	0.987 9
0.988 0	15.38	7.08	8.80	17.60	0.988 0
0.988 1	15.24	7.01	8.72	17.44	0.988 1
0.988 2	15.09	6.94	8.64	17.28	0.988 2
0.988 3	14.95	6.88	8.55	17.10	0.988 3
0.988 4	14.80	6.81	8.47	16.94	0.988 4
0.988 5	14.66	6.74	8.39	16.78	0.988 5

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.988 6	14.52	6.67	8.31	16.62	0.988 6
0.988 7	14.37	6.61	8.23	16.46	0.988 7
0.988 8	14.23	6.54	8.14	16.28	0.988 8
0.988 9	14.08	6.48	8.06	16.12	0.988 9
0.989 0	13.94	6.41	7.98	15.96	0.989 0
0.989 1	13.80	6.34	7.90	15.80	0.989 1
0.989 2	13.66	6.28	7.82	15.64	0.989 2
0.989 3	13.51	6.21	7.74	15.48	0.989 3
0.989 4	13.37	6.15	7.66	15.32	0.989 4
0.989 5	13.23	6.08	7.58	15.16	0.989 5
0.989 6	13.09	6.02	7.50	15.00	0.989 6
0.989 7	12.95	5.95	7.42	14.84	0.989 7
0.989 8	12.81	5.89	7.34	14.68	0.989 8
0.989 9	12.67	5.82	7.26	14.52	0.989 9
0.990 0	12.53	5.76	7.18	14.36	0.990 0
0.990 1	12.39	5.70	7.10	14.20	0.990 1
0.990 2	12.25	5.64	7.02	14.04	0.990 2
0.990 3	12.12	5.57	6.95	13.90	0.990 3
0.990 4	11.98	5.51	6.87	13.74	0.990 4
0.990 5	11.84	5.45	6.79	13.58	0.990 5
0.990 6	11.70	5.39	6.71	13.42	0.990 6
0.990 7	11.57	5.32	6.63	13.26	0.990 7
0.990 8	11.43	5.26	6.56	13.12	0.990 8
0.990 9	11.30	5.19	6.48	12.96	0.990 9
0.991 0	11.16	5.13	6.40	12.80	0.991 0
0.991 1	11.03	5.07	6.32	12.64	0.991 1
0.991 2	10.86	5.01	6.24	12.48	0.991 2
0.991 3	10.76	4.94	6.17	12.34	0.991 3
0.991 4	10.62	4.88	6.09	12.18	0.991 4
0.991 5	10.49	4.82	6.01	12.02	0.991 5
0.991 6	10.36	4.76	5.93	11.86	0.991 6
0.991 7	10.22	4.70	5.86	11.72	0.991 7

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.991 8	10.09	4.63	5.78	11.56	0.991 8
0.991 9	9.95	4.57	5.71	11.42	0.991 9
0.992 0	9.82	4.51	5.63	11.26	0.992 0
0.992 1	9.69	4.45	5.55	11.10	0.992 1
0.992 2	9.56	4.39	5.48	10.96	0.992 2
0.992 3	9.42	4.32	5.40	10.80	0.992 3
0.992 4	9.29	4.26	5.33	10.66	0.992 4
0.992 5	9.16	4.20	5.25	10.50	0.992 5
0.992 6	9.03	4.14	5.18	10.36	0.992 6
0.992 7	8.90	4.08	5.10	10.20	0.992 7
0.992 8	8.77	4.02	5.03	10.06	0.992 8
0.992 9	8.64	3.96	4.95	9.90	0.992 9
0.993 0	8.51	3.90	4.88	9.76	0.993 0
0.993 1	8.38	3.84	4.81	9.62	0.993 1
0.993 2	8.25	3.78	4.73	9.46	0.993 2
0.993 3	8.13	3.72	4.66	9.32	0.993 3
0.993 4	8.00	3.66	4.58	9.16	0.993 4
0.993 5	7.87	3.60	4.51	9.02	0.993 5
0.993 6	7.74	3.54	4.44	8.88	0.993 6
0.993 7	7.62	3.48	4.36	8.72	0.993 7
0.993 8	7.49	3.43	4.29	8.58	0.993 8
0.993 9	7.37	3.37	4.21	8.42	0.993 9
0.994 0	7.24	3.31	4.14	8.28	0.994 0
0.994 1	7.11	3.25	4.07	8.14	0.994 1
0.994 2	6.99	3.19	4.00	8.00	0.994 2
0.994 3	6.86	3.14	3.92	7.84	0.994 3
0.994 4	6.74	3.08	3.85	7.70	0.994 4
0.994 5	6.61	3.02	3.78	7.56	0.994 5
0.994 6	6.48	2.96	3.71	7.42	0.994 6
0.994 7	6.36	2.90	3.64	7.28	0.994 7
0.994 8	6.23	2.86	3.56	7.12	0.994 8
0.994 9	6.11	2.79	3.49	6.98	0.994 9
0.995 0	5.98	2.73	3.42	6.84	0.995 0

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.995 1	5.85	2.67	3.35	6.70	0.995 1
0.995 2	5.73	2.62	3.28	6.56	0.995 2
0.995 3	5.60	2.56	3.20	6.40	0.995 3
0.995 4	5.48	2.51	3.13	6.26	0.995 4
0.995 5	5.35	2.45	3.06	6.12	0.995 5
0.995 6	5.23	2.39	2.99	5.98	0.995 6
0.995 7	5.10	2.34	2.92	5.84	0.995 7
0.995 8	4.98	2.28	2.85	5.70	0.995 8
0.995 9	4.85	2.23	2.78	5.56	0.995 9
0.996 0	4.73	2.17	2.71	5.42	0.996 0
0.996 1	4.61	2.11	2.64	5.28	0.996 1
0.996 2	4.49	2.06	2.57	5.14	0.996 2
0.996 3	4.36	2.00	2.50	5.00	0.996 3
0.996 4	4.24	1.95	2.43	4.86	0.996 4
0.996 5	4.12	1.89	2.36	4.72	0.996 5
0.996 6	4.00	1.83	2.29	4.58	0.996 6
0.996 7	3.88	1.78	2.22	4.44	0.996 7
0.996 8	3.76	1.72	2.16	4.32	0.996 8
0.996 9	3.64	1.67	2.09	4.18	0.996 9
0.997 0	3.52	1.61	2.02	4.04	0.997 0
0.997 1	3.40	1.56	1.95	3.90	0.997 1
0.997 2	3.28	1.50	1.88	3.76	0.997 2
0.997 3	3.16	1.45	1.82	3.64	0.997 3
0.997 4	3.04	1.39	1.75	3.50	0.997 4
0.997 5	2.92	1.34	1.68	3.36	0.997 5
0.997 6	2.80	1.29	1.61	3.22	0.997 6
0.997 7	2.68	1.23	1.54	3.08	0.997 7
0.997 8	2.57	1.18	1.48	2.96	0.997 8
0.997 9	2.45	1.12	1.41	2.82	0.997 9
0.998 0	2.33	1.07	1.34	2.68	0.998 0
0.998 1	2.21	1.02	1.27	2.54	0.998 1
0.998 2	2.09	0.96	1.20	2.40	0.998 2

(Continued)

**TABLE 1 INTER-RELATIONSHIPS BETWEEN (a) SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C, (b) SPECIFIC GRAVITY IN VACUUM AT 15°/15°C, (c) PERCENTAGE OF ETHANOL BY VOLUME AT 15.6°/15.6°C, (d) PERCENTAGE OF ETHANOL BY WEIGHT, (e) PERCENTAGE OF US PROOF SPIRIT, AND (f) PERCENTAGE OF BRITISH PROOF SPIRIT — *Contd***

SPECIFIC GRAVITY IN AIR AT 15.6°/15.6°C	PERCENTAGE OF BRITISH PROOF SPIRIT	PERCENTAGE OF ETHANOL		PERCENTAGE OF US PROOF SPIRIT	SPECIFIC GRAVITY IN VACUUM AT 15°/15°C
		By Weight	By Volume at 15.6°C		
(1)	(2)	(3)	(4)	(5)	(6)
0.998 3	1.98	0.91	1.14	2.28	0.998 3
0.998 4	1.86	0.85	1.07	2.14	0.998 4
0.998 5	1.74	0.80	1.00	2.00	0.998 5
0.998 6	1.62	0.75	0.93	1.86	0.998 6
0.998 7	1.51	0.69	0.86	1.72	0.998 7
0.998 8	1.39	0.64	0.80	1.60	0.998 8
0.998 9	1.28	0.58	0.73	1.46	0.998 9
0.999 0	1.16	0.53	0.66	1.32	0.999 0
0.999 1	1.04	0.48	0.59	1.18	0.999 1
0.999 2	0.93	0.42	0.53	1.06	0.999 2
0.999 3	0.81	0.37	0.46	0.92	0.999 3
0.999 4	0.70	0.31	0.40	0.80	0.999 4
0.999 5	0.58	0.26	0.33	0.66	0.999 5
0.999 6	0.46	0.21	0.26	0.52	0.999 6
0.999 7	0.35	0.16	0.20	0.40	0.999 7
0.999 8	0.23	0.10	0.13	0.26	0.999 8
0.999 9	0.12	0.05	0.07	0.14	0.999 9
1.000 0	0.00	0.00	0.00	0.00	1.000 0



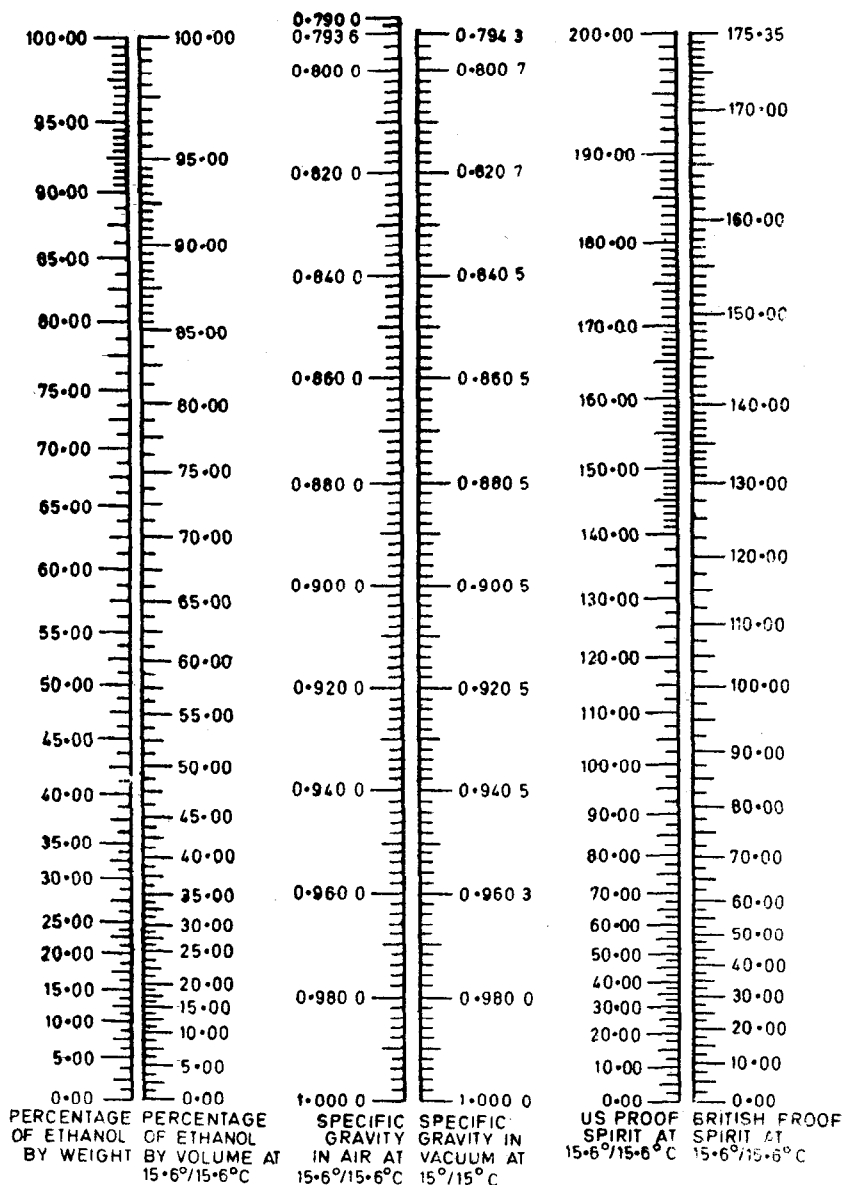


FIG. 1 INTER-CONVERSION CHART FOR VARIOUS UNITS FROM 0 TO 100 PERCENT OF ETHANOL BY WEIGHT AND BY VOLUME

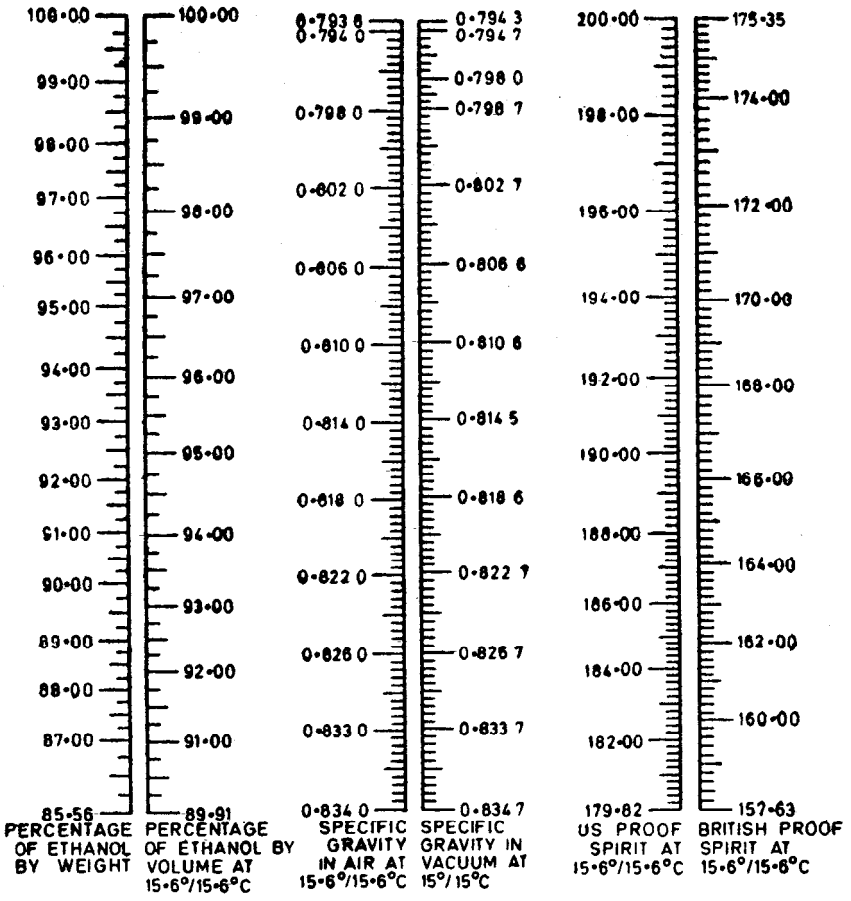


FIG. 2 INTER-CONVERSION CHART FOR VARIOUS UNITS FROM 90 TO 100 PERCENT OF ETHANOL BY WEIGHT AND BY VOLUME

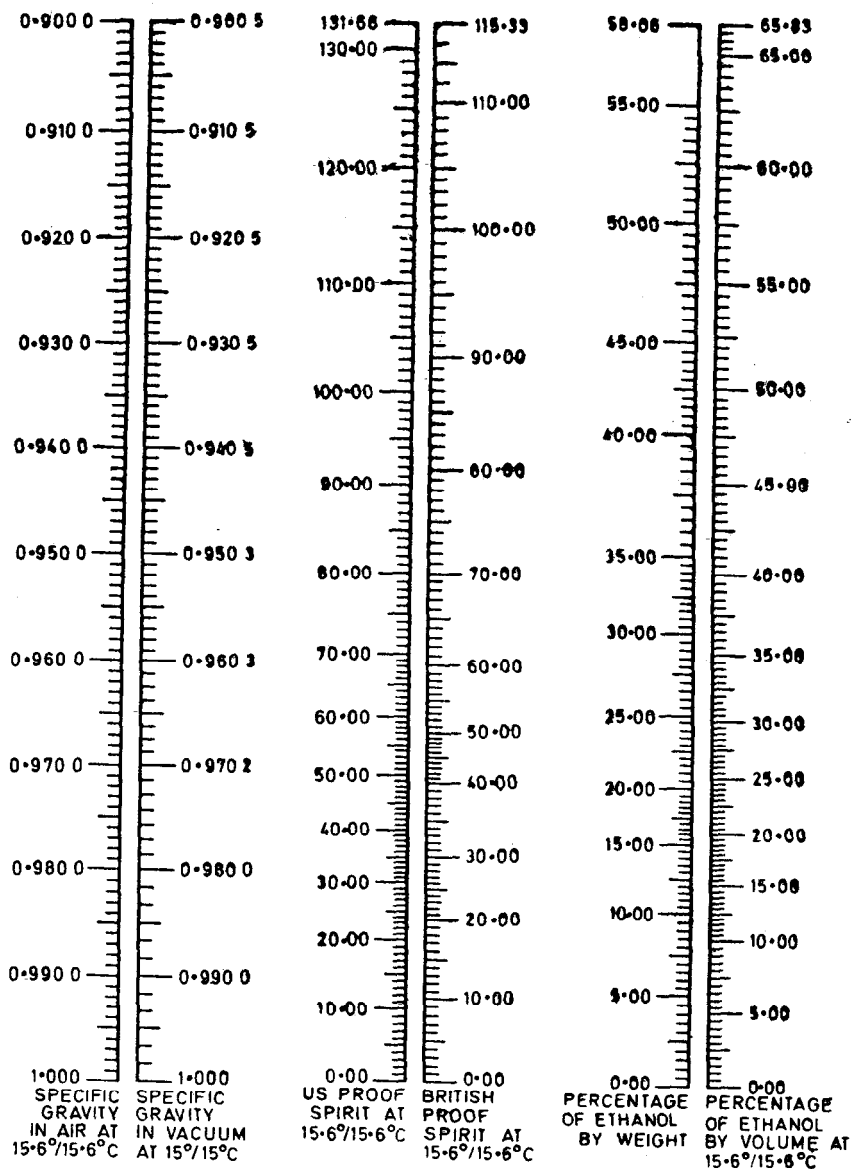


FIG. 3 INTER-CONVERSION CHART FOR VARIOUS UNITS FROM 0.900 0 to 1.000 0 SPECIFIC GRAVITY OF ETHANOL-WATER MIXTURE

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